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Hello...

chool trips come in all shapes and sizes, or locations and durations to be more specific. Learning outside the classroom (LOtC) – and it's useful here to place days away in their broader context – can range from time spent within the confines of your grounds, all the way up to overseas adventures into Europe or even further afield; it might take the form of an hour-long session in the fresh air, or last for a week filled with diverse experiences. Consequently, it can also be eminently affordable or decidedly expensive, simple to set up or the work of months. But despite the huge variation in how it might be approached, the evidence points to a consistent verdict: regularly heading out and about benefits students' education, in a whole host of ways.

What aspect of said education it is that you wish to focus on will naturally play a large part in determining how you approach the task of planning LOtC at your school, and that's where *Top School Trips* comes in. In this, our second issue, we touch upon the huge range of ways in which educational visits can prove a catalyst to accelerate children's learning. There are the obvious things – time spent in France surrounded by native French speakers can't help but improve students' language skills; a trip to an interactive museum exhibition is almost certain to generate more engagement around a topic than reading about it in a textbook. But there are also the less obvious, more intangible benefits – the strengthening of bonds between students and teachers, the boosts to confidence and self-esteem that come from being afforded greater independence and responsibility.

We've set out to help you narrow down your many options, to pick out what it is you want to achieve and, ultimately, to enjoy a successful hour, day or week, wherever you choose to go. Good luck, and bon voyage!

Jacob Stow Editor

The Experts



KEITH SHARKEYManaging director of Halsbury Travel



LUCY COATESSenior education
facilitator at Thorpe
Park Resort



LOUISE STAFFORDDirector of learning at the National Holocaust Centre and Museum



STEVE CRAVEN
Director of NST
Travel Group



VIRGINIA SMITH
Director of learning at
Brooklands Museum



VIKKI STREET
Head of business
development at The
Kings Ferry Group



JOANNE CHANNON Education manager at Merlin Entertainments

Editor:

Jacob Stow, jacob.stow@theteachco.com, 01206 505113

Group advertising manager: Richard Stebbing, richard.stebbing@theteachco.com, 01206 505957

Advertising manager: Jenny Phillips, jenny.phillips@theteachco.com, 01206 505966

Senior account manager: Katie Jones, katie.jones@theteachco.com, 01206 505477

Account manager: Jake Burrington, jake.burrington@theteachco.com, 01206 505926 Group editor: Joe Carter

Art editor: Lloyd Oxley

Designer: Luke Rogers, Hannah Kemp

Photography: CliQQ Photography, cliqq.co.uk

Accounts: 01206 505995

Design & reprographics: Ace Pre-Press 01206 508608

Subscriptions department: Abigail Gibson, abigail.qibson@aceville.co.uk

Customer Services: aceville@dctmedia.co.uk,

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There's no denying the educational value of a great live performance, so why not treat your group to a show?

Give your students unforgettable learning experiences through world-class culture.
Get them to engage with innovative arts and deepen their understanding of the creative industry.

For bookings and enquiries please contact the school groups booking line:

Tel: 020 7382 7211

(Mon-Fri 10am-5pm)

Email: groups@barbican.org.uk









WE'RE THE EXPERTS

"We support teachers"

Educating Adventures' Elliott Hannam tells us about creating customised school trips for teachers and their students

Why are EA School Tours experts in school trips?

We are Educating Adventures, STEM school trip specialists who have been taking schools to visit unique destinations, such as the Kennedy Space Center and Silicon Valley's top tech locations, since 2005. Our knowledgeable and experienced team works with teachers at every stage of the process, from conception to pre-departure planning to on-ground support. We work closely with schools to ensure that all of our trips are tailored to their curriculum requirements and needs.

What sets your USA trips apart?

We have strong standing relationships with our school trip partners and work closely with them to create customised trips for schools travelling to the USA. Schools receive 24/7 support from their EA on-tour representative, who is there to coordinate, organise and ensure that both teachers and students enjoy every second of their time away.

How does EA support teachers in the planning process?

Educating Adventures understands that students, their parents and teachers themselves all have busy lives, and that planning a school trip can be an incredibly time-consuming undertaking. Therefore, to ensure the planning process for every trip runs as smoothly as possible, our experienced team has developed processes and resources to guarantee that all elements of the trip preparation are efficiently managed. Our offering includes:

- a password-protected individual trip website
- teacher planning chart and letter templates
- checklists and packing lists
- other advertising collateral throughout the trip.



EXPERT PROFILE

Name: Elliott Hannam

Job title: School Travel Consultant

Area of expertise: Creating tailored trips to suit school requirements

Best part of my job: Hearing the fantastic learning experiences students have on-tour

What feedback have vou had from teachers?

Our teachers have found their trips to be a perfect balance of educational components and enjoyable activities. Our knowledgeable team provides tailored visits to suit school requirements and always strives to exceed all expectations. Teachers enjoy the excellent customer service on and off the ground. After their trip, students are able to connect science and maths concepts in the classroom with 'real-life' examples.

What support can you offer ahead of the visit?

In conjunction with NASA and the Kennedy Space Center in Orlando, we facilitate an opportunity for teachers to join an incredible, educational preview trip. This preview trip allows teachers to experience key trip components and return to school with tangible evidence of the benefits for their students. Our NASA teacher preview trip departs every April and October for four full days of activities. Preview trip costs are refunded upon confirmation of the school's trip.

ASK ME ABOUT

CUSTOMISING SCHOOL TRIPS – Transforming your curriculum requirements into a bespoke itinerary for your students. This will include educational, fun and exciting components.

REQUESTING A SAMPLE ITINERARY – Looking for inspiration on a STEM trip? I can provide all the information you need, including a range of sample itineraries.

OTHER DESTINATION OPTIONS – Head off with your group to new and exciting destinations: embark on a cultural trip to Japan or combine language and history in Europe.

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IDEAS & INSIGHTS

From the latest workshops and research, to expert advice and topical comment, get your school trip news right here

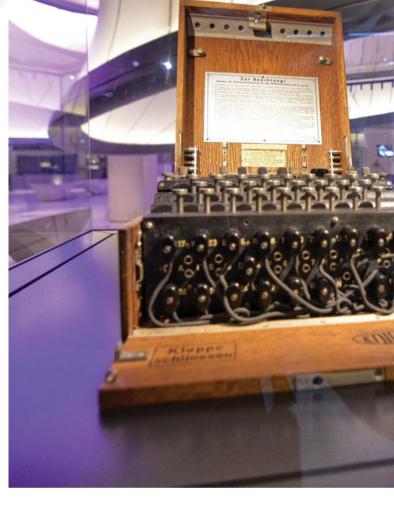
From ciphers to cyber security

The Science Museum explores secret communications

unning between 10 July 2019 and 23 February 2020, 'Top Secret', a brand new Science Museum exhibition focusing on codebreaking and cyber security, and spanning the years from the First World War up to the present day, is sure to fascinate students. Free to visit and coinciding with the 100th anniversary of GCHQ, it will feature hand-written documents, declassified files and previously unseen artefacts from the Science Museum Group's and GCHQ's historic collections – visitors will be able to trace the evolution of devices used to conceal crucial messages and to decode the secrets of others; hear from GCHQ staff working to combat terror attacks and serious crime; and explore the challenges of maintaining digital security in the 21st century.

Another highlight will be insights into Alan Turing and the Bletchley Park codebreakers, who cracked the Enigma code in 1941, a pivotal moment in World War Two.

More details: You can learn more about the 'Top Secret' exhibition at **www.sciencemuseum.org.uk**. While free to attend, booking is required.



"GCHQ have entrusted us with some of their most important objects."

- SIR IAN BLATCHFORD, DIRECTOR, SCIENCE MUSEUM -

New learning space for RIBA

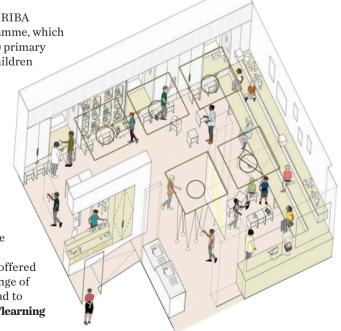
Clore Learning Centre to enable pupils to engage with architecture

The Royal Institute of British
Architects (RIBA) has announced
a 29 October 2019 opening date for
an "inspiring new learning space"
located at its central London home.
The RIBA Clore Learning Centre,
which has been designed by architects
Hayhurst & Co and part-funded
by a grant from the Clore Duffield
Foundation, will be a destination
for people of all ages to engage with
architecture, offering a range of
hands-on, creative activities.

At present RIBA delivers approximately 320 learning events

each year, including the RIBA
National Schools Programme, which
has engaged over 18,000 primary
and secondary school children
since its launch in 2015.
The new centre will
enable RIBA to
host even more
learning activities of
this nature, occupying
some 365 square
metres and boasting
a studio and outside
learning terrace.

More details: For more information about the learning opportunities offered by RIBA, including a range of creative workshops, head to www.architecture.com/learning





Are costs too high?

Concern has been expressed that the cost to parents of funding some school trips is leading to a two-tier system in which the disadvantaged are missing out on valuable educational experiences. Reports of state secondaries asking for £3,000 to cover a trip to Borneo (bit.do/TSTbrn) or £1,850 to head to South Africa (bit.do/TSTsaf) appearing in the press late last year seem to be the tip of the iceberg.

LATEST RESEARCH:

A NASUWT survey conducted in 2018 indicated that 15% of parents felt unable to pay the sum requested for an educational trip in the past year.

LOtC in focus

Outdoor educators to head to Blackpool

A national conference focused on learning outside the classroom will take place on 7 attendees invited to discuss how heading out can help schools deliver which is being organised jointly by the Council for Learning Outside the the Outdoor Education Advisers Panel presentations from keynote speakers. case studies and hands-on practical TV presenter and and Mike Hamilton OBE, the founder of

HAPPY ANNIVERSARY:

2019 marks 10 years since CLOtC was formed. The last decade has seen the introduction of the LOtC Quality Badge for trip providers and the LOtC Mark for schools wishing to show their commitment to learning beyond the classroom. Visit www.lotc.org.uk to find out more



Learning from the past

Invite your students to learn more about the Second World War

This summer the National Memorial Arboretum, in partnership with the Royal British Legion, is set to host its second Youth Festival. The event, which runs 8-12 July, will give students in KS3 and 4 an opportunity to take part in a range of cross-curricular activities linked to the Second World War, as well as participate in an act of remembrance at the end of the day. Activities include a guided tour, self-led learning using provided resources, and facilitated workshops, the latter including a question and answer session with a former evacuee, or a STEM session amongst other options. Each activity lasts for an hour.

The Youth Festival is free to attend but booking is essential

– you can sign up to register your interest at **bit.do**/ **TSTnma**

Funding available: Coach bursaries are available for state-funded schools, academies and free schools from the Royal British Legion to support transportation to and from the Arboretum – an official quotation from a fully licenced coach provider must be supplied with your completed booking form.





MAKE A CONNECTION

The Telegraph Museum in Porthcurno. Cornwall has announced its 2019 exhibitions and educational activity sessions. The museum showcases the science, people and stories that made developments in global communications possible, with students able to explore topics

ranging from the first undersea telegraph cables to the wonder of modern fibre optics. Visit telegraph museum.org



HUNTING FOR DINOSAURS

To mark the 75th anniversary of the Council for British Archaeology, Red Funnel and GO Outdoors are inviting students to uncover the prehistoric secrets of the Isle of Wight with the launch of a downloadable fossil-hunting guide. The Isle of Wight is one of the richest sources of dinosaur remains in Europe. Visit bit.do/TSTfhg

EIF INCOMING

In March CLOtC published its draft response to Ofsted's education inspection framework 2019 - its message, that it should be made clearer that learning can take place in a range of spaces and places. The finalised framework is due to come into effect in September 2019.



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Why do we bother?

School trips can be expensive, time-consuming and potentially controversial – but taking learning outside is what education is all about, insists **Philip Avery**

chool trips... They can be expensive, not only for parents, but also for the school, due to the need to train staff, cover lessons and buy equipment – throw lines, first aid kit and spare warm clothes just to go to the village.

They lead to the loss of something, either classroom learning or family time – a recent complaint from a parent berated the staff for running the non-essential geography trip during their half term as their child was going to have to miss the family ski trip and this loss of family time, coupled with the distress the choice was causing, was abhorrent and entirely unacceptable.

They are hard to organise and stressful to run – every teacher has a story of vomit-strewn coaches and lost children; some even have stories of kidnap (the department I have in mind had forgotten a child the year before when leaving a venue and as a result was a little over zealous when it repeated the trip in its assertions to children, any children, some not even their own, to 'get on the bus'!).

So, why bother?

Real connections

I'm writing this article in the dark of my tent with one dead arm and I'm hungry, despite the luminous orange boil-in-the-bag meal I've just inhaled.

Why am I bothering to spend most of my week and



Philip Avery is director of education and lead developer of outdoor education

programmes for Bohunt Education Trust.



the whole weekend hiking and wild camping with a group of students on Dartmoor, miles from the nearest pub, I might add, so they can complete their practice Gold Duke of Edinburgh expedition?

Why are the students spending hours lugging huge bags around, squealing as they disappear into bogs and risking getting shot as they accidentally wander in to a marines live firing exercise (I'm still not sure how that team or the member of staff with them failed to notice the helicopter gunships)?

The answer to us is obvious: we are having an amazing time, we are learning so much, we are developing character and, most importantly, we are growing a community of learners. All of those things are super-charged, because we're on a school trip. And all those things will have

an impact in the classroom and possibly during the rest of our lives.

The team members are asleep by 9pm and awake before 6am. Over breakfast they muse about Circadian rhythms, how they link to their psychology course and the impact of mobile devices and electric lights. They notice the motivational power of a path and link that to revision timetables and planning for their futures. They link their nutrition to their energy levels and mood - and they are very aware of, and sympathetic to, each other's moods. They get lost as they surge to that day's finish and so sit down and work out a plan to get it right all the way to the end on the last two days. Despite aches, pains and tiredness they decide to extend their third day so that their final day is short -

they realise how important it is for them, as a team, to end on a high. Through necessity and adversity they are learning to learn and they are doing it with their peers (and one teacher, who keeps trying to sneak off for a Devon cream tea).

Joy and aspiration

In our teacher development sessions we're taught that our use of language in the classroom, and in particular praise, can develop a growth mindset in students. Whilst watching the team try multiple methods to work out where they are, despite being shattered and lost, I wonder how many weeks of planned phrases it would take to move students' mindsets on as much as happens in those 30 minutes.

For any student the above, which happens on most well conceived, well facilitated school trips, is of considerable benefit; for the most disadvantaged young people it can be truly life changing. That there are places and jobs that they never knew existed; that the theatre is a place of wonder; that there are people with attitudes and cultures very different from their own; that the strange horse is actually a bull - all this is learning that can open eyes, inspire ambition and change futures. As Mark Twain put it, "I have never let schooling interfere with my education."

School trips and visits are about the joy of education, about learning in its broadest sense and about developing a community of learners. They therefore support schooling, support students and support futures. To ask why we bother with school trips is to ask, why bother with education?

Planning a trip? START HERE!

There's lots to think about when organising and leading an educational excursion, but these eight pointers will help set you on the road to success...

Don't rush!

It falls under the category of 'common sense', but in teaching, where time is often in short supply, it bears repeating: allowing adequate time to plan is essential, as a rushed trip will be both a more stressful experience for you as organiser, and at risk of underperforming educationally. One of the key findings of Ofsted's 2008 Learning outside the classroom report (bit.do/TSTofs) was that learning outside the classroom (LOtC) was



Know your objectives

Amongst the other advantages, planning well in advance gives you plenty of time to work out what it is you want to achieve – as the Council for Learning Outside the Classroom (CLOtC) highlights in its guidance, "The objectives for the visit should be defined carefully and must



relate closely to classroom work." (bit.do/TSTlotcpl) In its 2008 report, Ofsted noted that, "Too many residential and other visits [...] had learning objectives which were imprecisely defined", though this was more of an issue in primary schools.

"It's vital to be clear about why you're going. What's your intention? What do you want to get out of it?" headteacher Tracey Bowen stresses. "We spend a phenomenal amount of time planning our trips, checking what the content of a workshop is, explaining what our needs are."

Tailor your trip

If you can't quite find what you're looking for, don't be afraid to ask for it, advises deputy headteacher Grace Shaw – many museums, galleries, zoos and the like are more than willing to be flexible: "Rather than picking off the menu, you can tailor-make what you need," she explains. "Museums are usually very happy to adapt their offer, because they're so thrilled to share what they've got to share."

Choose wisely

Related to the above, it's important to think carefully about where you choose to go – as Tracey Bowen points out, "You can get brochures through and think, *Oh that looks great – we'll go there!*

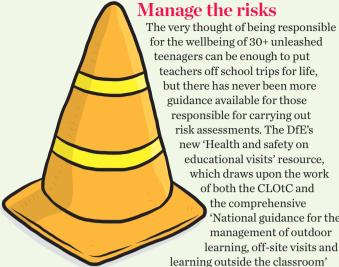
But unless you're careful you can end up thinking, That's not what it said on the tin!"

More fundamentally,

More fundamentally, your choice of destination should



be informed by your learning objectives. The CLOtC advises that if your outcomes can be "successfully achieved in the grounds of your school, or within easy access in the local area, then it is unlikely that travelling for hours to reach a more distant venue will enhance the learning experience" – but of course there will be many instances in which an external provider located further afield will be essential.



The very thought of being responsible for the wellbeing of 30+ unleashed teenagers can be enough to put teachers off school trips for life, but there has never been more guidance available for those responsible for carrying out risk assessments. The DfE's new 'Health and safety on educational visits' resource, which draws upon the work of both the CLOtC and the comprehensive 'National guidance for the management of outdoor

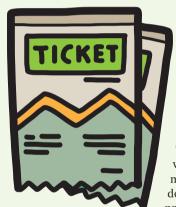
published by the Outdoor Education Advisers' Panel (OEAP), is a useful starting point - you'll find links in the 'Find out more' box below.

Keep it going

for next time.

Making the most of a school trip isn't just about ensuring its smooth-running on the day - the point, after all, is for the visit to have a measurable positive benefit on students' learning when they return to the classroom. As such, it's equally important to give due consideration to how you plan to continue the learning - in some cases post-visit resources may be available to help you and to reflect, in partnership with students, on the experience: evaluate its effectiveness in terms of improving educational outcomes, and learn lessons





Arrange a preview

"Be sure to give staff the opportunity to visit beforehand; if you haven't been there to actually plan out the experience, you're not going to get the most out of it." Tracey's words of advice apply wherever you're headed, and making time to head to your destination ahead of the trip proper can help clarify issues

as trivial as 'where do we park?' as well as more important issues relating to health and safety. In its National Guidance, the OEAP notes that, "While accreditations and other sources of information provide essential assurances, they are not a substitute for a preliminary visit and being able to clarify issues face to face."

"It's vital to be clear about why you're going. What's your intention? What do you want to get out of it?"

FIND OUT MORE

- Ocuncil for Learning Outside the Classroom -CLOtC's website is a trove of information, inspiration, resources and training, including details on how the LOtC Quality Badge accreditation can help you plan your next school trip. It also offers a range of CPD opportunities and the LOtC Mark, for schools that want to demonstrate their commitment. Visit www.lotc.org
- Outdoor Education Advisers' Panel OEAP's 'National Guidance' is a must-read for any teacher planning a school trip. Downloadable checklists and training are available. Visit oeapng.info
- Department for Education the DfE's latest health and safety guidance can be accessed at bit.do/TSTh-s
- School Travel Form STF offers information for the organisers of school trips as well research on the benefits of LOtC. Visit www.schooltravelforum.com
- Learning Away for help with planning a brilliant residential, visit www.learningaway.org.uk

Work in partnership

On trips where venue staff are taking the lead in guiding students, don't be tempted to switch off. Grace advises: "Some teachers think, 'I'll get to my workshop, then the workshop leader will have the children and I'll get them back at the end.' Actually, you need to work with staff, because while they're experts in their field, you're the expert in your children. You've got to develop a partnership."

5 OF THE BEST

RESIDENTIALS

Find the perfect place for your next week away in this selection of outstanding providers...

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communication, healthy living and
life skills – while also serving them
exceptional home-grown food and
teaching them about alternative
energy and sustainable living – it can
accommodate 90 pupils, plus in the
summer boasts a campsite equipped
with large canvas tents on wooden

To find out more, call **01749 812 307**, email **info@ millonthebrue.co.uk** or visit **www.millonthebrue.co.uk**

floors for 60+ more.





Dunfield House A proud LOtC-accredited provider, Dunfield House offers an outstanding residential experience - a place to call home where students can improve their confidence, resilience, wellbeing and life skills. Its friendly team offer a personal service, with 24/7 onsite managers, three-star accommodation and healthy. wholesome meals with unlimited refreshments and biscuits. Varied lesson plans, developed by teachers, are available for self-directed learning. Dunfield caters for groups of 30-95, offering sole use of the house and/or stables accommodation. Most importantly, it offers a sanctuary where young people develop their true potential, taking memories and new skills back to the classroom. For more information, call **01544 230 563** or visit www.dunfieldhouse.org.uk

3 Manor House Activity & Development Centre

The Manor House Activity & Development Centre is an independently owned, family-orientated centre, offering school trips accredited by LOtC, Adventuremark and AALS. Its beautiful 18th century manor house, just outside Padstow, offers full-board accommodation, and sole-occupancy for your group. Activities include sea cliff climbing, stand-up paddleboarding, surfing, kayaking, cycling and more, with field study trips also available, taking in rock pooling (with a marine biologist) and visits to moorland and coastal areas – you can even choose a workshop at the Eden Project, all included in the price.

Reduced rates are available for the spring and autumn terms – call **01841 540 346** or visit **www.manoractivity centre.co.uk** for details.



READ MORE Turn to page 29 to read how The Outward Bound Trust is helping one school to improve its maths outcomes.

The Outward Bound Trust

As an educational charity, the Outward Bound Trust's mission is to make its residential programmes available to as many young people as possible. With the philosophy that money shouldn't stand in the way of opportunity and that everyone can achieve more than they think they can, it last year raised £3.2m in funding, thanks to the generosity of donors, its fundraising events and early careers development programmes. This was put towards appropriate funding for schools, colleges and youth groups, helping over 16,000 participants to attend an Outward Bound course.

To see if your school is eligible, visit www.outwardbound.org.uk/funding

Ringsfield Hall

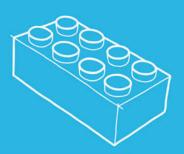
Ringsfield Hall is an innovative centre for outdoor learning and nature connection, with 14.5 acres of woods, meadow and a homely Victorian house. On offer are crafted forest school and earth education programmes, infused with imagination, drama and magic, all delivered by experienced practitioners with a child-led and eco-therapeutic approach. You can opt for a day visit or residentials, with facilities including an art barn, music studio and sports pitches. Other highlights include farm animals, fantastic home-cooked food and the freedom to explore!

Visit www.ringsfield-hall.co.uk or call 01502 713 020 for availability. Discounted rates are available for autumn and winter residentials.









BOOK NOW FOR 2019 FROM £9.00 PER PUPIL!

www.LEGOLAND.co.uk/schoolbooking

'Building your creative trip brick by brick'



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WE LOVE TO LEARN

Creative play and exploration

Invite your children to learn and play at the LEGOLAND® Windsor Resort

A trip to the LEGOLAND® Windsor Resort is all about allowing students of all ages to engage and explore through creative and imaginative play. The resort's offer of theme park rides and attractions combined with interactive educational workshops makes it a perfect destination for school teachers seeking somewhere engaging to take a school trip.

The resort is an exciting venue for

learning outside the classroom and most suitable for Key Stage 1 to Key Stage 5 pupils – although there are experiences available for preschool and younger school pupils. Schools can use a National Curriculum map to navigate their way around the resort, making sure they tie in all of their learning objectives whilst they enjoy over 55 rides and attractions.

CURRICULUM LINKS



MATHS

Estimating distances and how many LEGO Bricks are used in certain models is an engaging way to bring numbers to life in the LEGOLAND Windsor resort.



PHSYICS

Study the different forces used on the rides – push, pull, gravity and the way friction is used or overcome on the many exciting rides and attractions.



BIOLOGY

The Atlantis Submarine Voyage allows students to get up close to aquatic animals. It provides opportunities to explore adaptation, variation and feeding relationships.

LEARNING JOURNEYS

Workshop 1 – EcoPower

New for 2019 and available to Key Stage 2+ students, this workshop ties in science and technology. The session explores the key difference between renewable and non-renewable energy, exploring the advantages and disadvantages of each. Students will then design and build a LEGO machine powered by a renewable energy source, utilising the learning from the workshop in a unique hands-on activity.

Workshop 2 – The science of roller coasters

Also new for 2019, this workshop allows students to explore how gravity, friction, air resistance, weight and momentum all work together on a roller coaster. In groups, children will then design and build their own LEGO roller coaster, ensuring all forces are in balance allowing their creation to function correctly.

Workshop 3 - Story starter

Linking to the English and art & design curriculum for Key Stages 1 and 2 is the LEGO® Education Story Starter session. The aim of this workshop is to spark creativity and boost reading, writing, speaking and listening skills through building scenes with LEGO Bricks and LEGO Minifigures. Schools are encouraged to continue their stories back in the classroom and send them in to LEGOLAND for the team to read and enjoy.



www.legoland.co.uk/schools T: 0871 4232 280 E: school.enquiries@legoland.co.uk

"A unique vision"

Visionary director Julie Taymor's adaptation of Disney's The Lion King has been enchanting theatregoers for 20 years – and it comes with an inspiring online education programme...

isney's landmark musical *The Lion King* is celebrating 20 years in London this autumn and is also about to launch its second UK tour. The tour will open with a season at the Bristol Hippodrome followed by a run at the Edinburgh Playhouse. Both venues, along with the West End production, offer education groups a theatrical experience unlike any other.

The production has come a long way since the Walt Disney Company began work on adapting their Academy Award-winning animated feature film for theatre; its creators were faced with an enormous challenge: how do you present this beloved story on stage? How could you portray a savannah full of animals, reptiles, fish, birds and insects – everything from an ant to an elephant? How might you convey the great expanse of the African wilderness, and stage momentous plot-points including a terrifying wildebeest stampede and a raging waterfall?

These impossible questions found one brilliant answer, when Thomas Schumacher – executive producer of the film of *The Lion King*, and now president and producer of the Disney Theatrical Group – remembered a unique theatre artist he had worked with previously. That artist's name was Julie Taymor.

A new vision

"When I met with Julie Taymor, I could see she had a new vision for the





project," Schumacher says. "She was excited by the music, by the setting and by the opportunities for staging. She was challenged by the task of recreating something that theatregoers would know by heart, but she wanted them once again to feel in their heart. We encouraged her not to feel bridled by the look of the movie and to create something wholly original from it."

Chosen to direct as well as design the look of the production, Taymor immersed herself in the project, discovering unique and exciting ways to overcome obstacles. "Many of *The Lion King's* scenes are seemingly impossible to transfer to the stage," she says. "The wildebeest stampede, the elephant graveyard, and its hundred hyenas. They are all inherently cinematic scenes. I relished the chance to stage them theatrically."

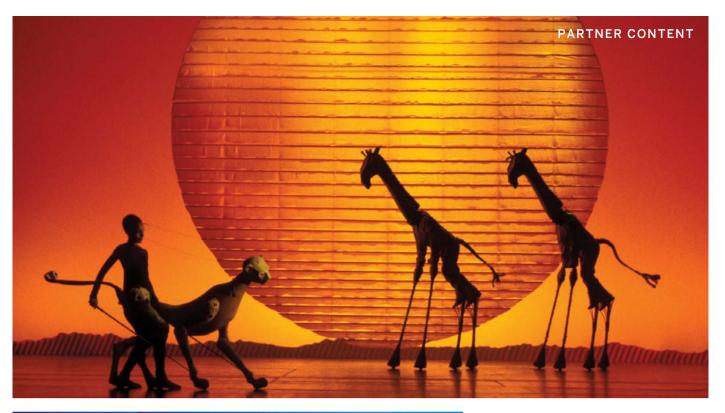
Rather than be limited to one particular style, Taymor would use a wide range of theatrical styles, conventions and traditions to represent the myriad of creatures included in the story.

Hand-held puppets, full-body puppets, shadow puppets, masks, elaborate costuming, stilts, kites... no device would be off limits, as long as it engaged an audience and their imaginations.

Her one central rule would be that the performer would never be hidden by the device. "One of the most powerful elements of the film is the rich humanity of the animal characters," she explains. "I wanted the human being to be an essential part of stylisation. I wanted the audience to marvel at what a human being can do through true technical prowess."

Bring it into your classroom...

Over one million pupils have already experienced *The Lion King* through its award-winning education programme. Combined with seeing the production, this programme will take your pupils on an engaging journey that they will never forget.





Developed by teachers, for teachers, the programme is fully curriculum-linked to support subject areas in English, art and design, drama, music, PSHE and citizenship, and is easily adaptable. All of the resources are available for free on an online hub; the easy-to-use search tool allows you to discover activities and lesson plans that are relevant for your classroom. Discover more and explore resources at www.lionkingeducation.co.uk

The award-winning education programme consists of:

- Detailed individual lesson plans with accompanying worksheets for students
- Post-show discussion topics
- Background to the show resource, including facts, synopsis and more
- Behind-the-scenes video episodes with accompanying student comprehension questionnaires
- A 28-minute documentary, *Getting Ready to Roar*, introducing the team who work backstage on each performance.

Also available at the London production of the show are a choice of four musical

"The information provided here is a wonderful resource and allows everyone to fully engage with the show in a motivating and enthusiastic manner!"

Mary Driver, headteacher

theatre pre-show workshops. Led by specially trained Disney Teaching Artists, the workshops give pupils the rare opportunity to perform scenes, songs and choreography from *The Lion King*, and are the perfect accompaniment to your pupils' visit to the show. Ask for more information when booking your tickets (additional costs apply).

Education group rates are now available for *The Lion King* for midweek performances until February 2020 in London, on select performances in October and November 2020 at the Bristol Hippodrome, and for springtime 2020 at the Edinburgh Playhouse. The minimum group size is 10+ and teachers receive one free 'teacher ticket' for every 10 paid tickets.

Visit thelionking.co.uk and select your city of choice to find out more or to make an enquiry.

Terms and conditions apply, please ask for more information.

Essex Outdoors

Book a residential trip that will help your pupils achieve their true potential

THE LOWDOWN

Essex Outdoors is a leading provider of outdoor education with an outstanding record of delivering safe and enjoyable residential trips to schools.

Lifelong memories

On a residential trip at Essex Outdoors, your pupils will create positive memories that will stay with them for life. Fully trained and professional staff will ensure that students get the most from their trip.

Confidence and Resilience
The activities on offer will build pupils' confidence and resilience – and a jump off the 'Leap of Faith' will help develop a real 'can do' attitude! These skills can be transferred to their school work.

Assessing risk

The new Ofsted framework highlights the need for young people to be able to assess and take part in controlled risk. Essex Outdoors' fully trained staff will be able to teach your pupils how to take on challenging activities in a safe but fun environment.

Try something new

Essex Outdoors has over 40 engaging and fulfilling activities, from zip wires to quad bikes, canoeing to sailing. Activities vary in levels of challenge and are accessibility to all. Look out for the largest gravity swing in the South East too!

Cleep well!

Having a good night's sleep is essential to getting the most from your trip. So Essex Outdoors offers a range of accommodation



options, from tents and cabins, to purpose-built residential blocks and pods. New toilet and shower facilities ensure students spend less time queueing and more time having fun.

www.essexoutdoors.com

T: 0345 200 4220

E: hello@essexoutdoors.com





Essex Outdoors Brilliant Residentials!

A residential trip to Essex Outdoors can help your pupils achieve their true potential.

Essex Outdoors is a leading provider of outdoor education and has an outstanding record of delivering safe and enjoyable residential trips to schools. On a residential trip at Essex Outdoors, your pupils will create positive memories that will stay with them for life.

Contact us to find out what we could offer your pupils or to arrange a site visit. essexoutdoors.com
0345 200 4220
hello@essexoutdoors.com



Team building and learning

Join one of many returning schools in booking an activity break at the Manor House and Ashbury Hotels

ituated amongst the Dartmoor National Park in Devon, the Manor House and Ashbury are the only hotels to offer sport, craft and spa facilities in the UK. The dedicated team of in-house coaches and experienced craft tutors serve to inspire, motivate and challenge every student. What's more, the Manor & Ashbury employ dedicated school coordinators, who will put together a tailored programme of activities to meet your specific needs.

A choice of sports

Students get the opportunity to participate in a variety of team and racket sports, ranging from five-a-side and continuous cricket to tennis and badminton. With an extensive selection of indoor sports halls





and outdoor pitches, including FA- and WRU-accredited 3G at Ashbury, your school can enjoy an array of activities whatever the weather.

Get creative

Encourage your group to get creative. With two unique craft centres hosting 20 different crafts, your students will have the opportunity to learn new skills and create innovative products. The centre now features new workshops on decoupage, up-cycling and Indian block printing. Experienced tutors are on hand to provide comprehensive instruction throughout the sessions, meaning teachers can sit back and enjoy an eventful day of team-building.

Broaden their horizons

Why not encourage students to try something new? The Manor House & Ashbury not only offer crafts and traditional sports, but also activities such as archery, multi-sports simulators and ice skating, to name but a few. Finding a break to keep children of all ages happy is quite a challenge; however, with sessions, tutors, accommodation and meals included in the price, the Manor House & Ashbury tick every box.

For more information, call 0800 781 9631 or visit www.sportscraftandgolfhotels.com



GREAT VALUE SCHOOL ACTIVITY BREAKS IN THE HEART OF DEVON!

The Manor House and Ashbury Hotels are located on the foothills of Dartmoor National Park. We are a Sports, Craft and Leisure complex with indoor and outdoor facilities that are unrivalled anywhere in England.



INCLUDED IN YOUR BREAK:

- Full Board (3 meals a day)
- En Suite Accommodation
- Free Equipment
- Dedicated Activity Co-ordinator
- Personalised Activity Programme
- Activity Instructors to run all sessions
- Free use of all sports & leisure facilities

7 Indoor & 4 Outdoor Courts

Group coaching is now available at both hotels all year round, with our LTA accredited coach. Or enjoy friendly competitions.

SPORTS PITCH

Our new 3G & MUGA pitches are perfect for tournaments and training. Enjoy a number of sports including: football, hockey & tag rugby.

SPORTS SIMULATORS



Enjoy Rugby, Football & Golf!

Perfect for groups, our 3 multi sports simulators will offer the opportunity to experience a wide range of sports and more!



CRAFTING FUN

Get creative with our 18 tutored crafts. All tuition is available free of charge, with material costs starting from just £1!

...AND SO MUCH MORE!

OVER 70 ACTIVITIES TO CHOOSE FROM!

Tailor your programme from the 70 activities that we offer, plus enjoy our range of leisure facilities FREE OF CHARGE throughout your stay.

NOW TAKING BOOKINGS FOR 2019 - CALL FOR A FREE QUOTE!

STUDENTS UNDER 16 - 4nts Midweek June/July 2019 from ONLY £168pp (Includes 12.5% Group Discount for Groups of 20+)

sportscraftandgolfhotels.com

"Show them SOMETHING NEW with a trip overseas"

Heading abroad can boost learning in ways that would be impossible in the classroom, but the benefits don't end there...

KEITH SHARKEY

n my past life as a head of modern languages, I ran many school trips. Of course, one of the main reasons for arranging such trips was to support what I was teaching in the classroom - in my case, French.

The experience of seeing something you've studied within a classroom environment coming to life in the 'real world' is an unforgettable one for students. It helps to both deepen their understanding of and encourage their enthusiasm for the subject. But, while we normally tailor school trips to reflect our curriculum, it is well worth taking a moment to think of the other ways in which our trip can help our students to develop.

Broaden their horizons

As a child I lived in a small Hertfordshire village. We saw a dozen cars a day but otherwise all was quiet. My horizons were limited to the sports field where we kicked a ball, the short walk to and from school, and the occasional shopping trip into

town. Then, at the age of 12, my school gave me the chance to go to Paris on an exchange with different food, spoke a different language, had different money and held different values. I also found that learning French was much easier when you were actually in the country: it somehow penetrated your subconscious, as if by osmosis. And this encouraged me to continue travelling to France throughout my life, in order to improve my French skills.

So, that first school trip to France really did broaden my horizons forever. Later, I spent many years passing my love for French on to the next generation, before founding a tour operator designed to help other teachers provide their students with the same type of incredible educational

Develop independence

a school trip abroad could well be their first experience

a French family - and, suddenly, I learned that in France they ate

experience I had enjoyed.

For many children, like myself,

"Travel is a great educator and, no matter how old you are, you will never finish learning"

of travelling without their families. Although they are of course supported by their teachers, they do inevitably have to take greater responsibility for themselves - their own timekeeping and their property. They also have to develop 'coping strategies' to help them

myself in another culture for the first time. My positive experiences then have helped to make me more open to new experiences in later life, and I now jump at the chance to try anything I've not done before! when things don't go to plan. It's also important for children to have positive



I love reading the feedback from teachers that have travelled with us telling us what a difference the trip has made to their students. For example, on our language study tours, the students stay with host families. Many teachers report that despite students feeling apprehensive about staying with a family they don't know and that don't speak their language, it is ultimately the thing the students enjoy the most about the trip. They try new foods, experience a different way of life and often become lifelong friends with their hosts.

A passion for learning

That first school trip to France really opened my eyes up to how far the subject could take me, and that was where the seed of my passion for languages was sown. Seeing the subject matter first-hand can really bring learning to life for students. For example, many of our geography groups travel to Iceland, where you can walk between tectonic plates, or even hike on a glacier. These experiences can really instil a passion for a subject.

A path to the future

My school trip helped me to realise what I was passionate about. But school trips abroad can also expose students to opportunities that they never knew existed. For example, before their geography trip to Iceland, would your students have been aware that they could spend their lives studying exciting things like volcanoes and earthquakes, potentially helping to develop early warning systems to save people's lives? They could become real-life geography superheroes!

Helping students to realise
the practical applications of the
subject is something that can
really inspire them to think
about their future and can
help you as a teacher
by boosting GCSE
uptake of your
subject.

HOW DID TRAVELLING ABROAD BENEFIT YOUR STUDENTS?

"The trip was an amazing opportunity for the students to see the cultural differences in India. The students commented on how lucky they felt to live where and how they do. The main objectives of this trip were to allow students the opportunity to experience a completely different culture for themselves, and to open their eyes to the world around them, making them appreciate what they have. We also wanted to build their self-esteem by working together as a group to raise the funds to go on the trip."

The Bemrose School, India

"After the children return to the UK, they certainly stand out in their class as somebody who's been on the trip."
Charters School,
Montpellier

"You can almost paint a picture in your mind a lot better because you're there and you're seeing it, you're doing it – you're being a geographer." William Edwards School, Iceland

"It's great to get the students into Europe to get them to see other cultures and to learn."

Ryde Academy, Berlin & Krakow

are Sire book, as & Krakow

In conclusion

My own travel experiences and my experiences as a teacher leading trips have taught me first-hand the marvels and wonders that the world has to offer, as well as the challenges and concerns that may confront us in the future. The world is a classroom like no other, and there are all manner of lessons to be learned. Travel is a great educator and, no matter how old you are, you will never finish learning.

I've just mentioned a few of the other benefits of school trips here, but they really are endless and extend far beyond the academic. I'm convinced that school trips abroad are unmissable educational opportunities that should be offered to all students. And when we come to putting

together our itineraries for our school trips, it's worth remembering that they will be about so much more than what they're learning in the classroom.

So, why not make a point of including activities and visits that will help to broaden your students' horizons, develop their confidence and independence, encourage their passion for learning and perhaps even set them on the path to their future?



Keith Sharkey is managing director of Halsbury Travel. Visit www. halsbury.com



teachwire.net/secondary



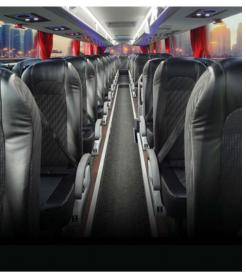
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Every Great Journey Starts Here









WE'RE THE EXPERTS

"We make travel easy"

Vikki Street explains how The Kings Ferry can take the stress and expense out of getting from A to B

What makes you the one-stop shop for educational transport?

Here at The Kings Ferry Group, we have over 60 years' experience in managing and providing coach hire to groups of all shapes and sizes. With access to both our own fleet of high quality vehicles and the UK's leading and largest pool of audited operators, we can offer you any coach, at any time, anywhere across the UK.

How do you help schools manage their budgets?

We know that money doesn't grow on trees, so to help maximise travel budgets we offer schools the option to safeguard their spend with us so nothing ever goes to waste. We also have some fantastic offers that enable schools to save anything from 10-50% on coach hire, so it's always worth asking about how we can help you make the most of your money; we can also provide schools with set rates for each academic year in advance!

What should schools look for when booking transport?

Safety is key when taking large groups of adults or children to their destination. As a mum myself, I understand the constant worry parents experience when their child goes away on a trip! So at The Kings Ferry Group, we ensure that safety is our top priority. All our drivers are DBS compliant; our coaches are equipped with the most up-to-date safety features, including tracking devices, DriveCam and Alcolock; and our entire fleet goes through rigorous safety inspections to ensure they are set for the journeys ahead.



EXPERT PROFILE

Name: Vikki Street Job title: Head of Business Development

Area of expertise: Building good working relationships with our clients.

Best part of my job: Meeting such a wide variety of clients, including many schools and universities.

How do you make booking transport easy?

Arranging transport is one of the most important aspects of planning any trip – but it can also be one of the most time-consuming. We take the hassle out of this process for you. Upon enquiry, you will be allocated a dedicated travel consultant who will manage your entire booking. You will receive a checklist with all the dos and don'ts and guidelines on any further information we may require from you, and if you have any queries or need any guidance on booking other trip amenities, your travel consultant will be on hand to help. We also have a 24/7 support line, so no matter when you call, someone will always be available to offer guidance!

Why should schools choose you for their transport requirements?

We understand that every aspect of school trip transportation is important: from safety and cost, to the ease of the process and simply having fun. With our continual investment in maintaining high safety standards, our understanding of travel budgets, our team of industry experts and our incredible school trip ideas, we offer schools an unbeatable and hassle-free coach hire experience.

ASK ME ABOUT

MANAGING YOUR COSTS – From set rates to budget safeguarding, we can help you control and monitor your travel spend.

SCHOOL TRIP SAFETY – Looking for peace of mind on how our transport solutions keep you safe? Feel free to get in touch.

EUROPEAN DESTINATIONS – We don't just travel in the UK; we can cross over into Europe, no matter your group size.

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5 OF THE BEST

DAY TRIPS

A lot can be learnt in just a few hours out of the classroom – if you don't believe us, just look at these diverse options...

Head to Leicester and you can discover the incredible story of a king's life and death, and explore one of the greatest archaeological detective stories ever told. Great for educational visits, the centre stands on the site where Richard III's remains were buried for over 500 years. A complementary learning programme is available for teachers, providing different

options for schools and educational organisations planning a visit to the centre, including a range of workshops for both history and science.

For further information, call the school visits team on **0116 29 4132** or email **schools@kriii.com**



most pour you're lenricht an activitie instruction in the highly commended "Treetop Extreme," an activitie and sailing, high ropes at the highly commended "Treetop Extreme," an activitie instruction in the highly commended the highly commen

Willen Lake

There's no better place for a school trip than Milton Keynes' most popular park, Willen Lake – whether you're looking to visit as part of your enrichment programme or as part of an activity day, there's something for everyone. The land and water-based activities on offer are run by qualified instructors and cater for students

aged eight and above. A wide range of packages covers everything from a single activity through to a full schedule of multiple activities, and groups of all sizes are welcome.

To find out more, call
01908 246 599, email
enquiries@willenlake.org.uk
or visit www.willenlake.org.uk

Aqua Parcs experience,

and much more.

Warwick Castle Warwick Castle has played a prominent role in English history for over 1,100 years - today schools can explore its medieval towers and ramparts; roam grounds designed by famous landscaper Capability Brown; marvel at the great hall and state rooms with their Tudor influences: and be awed by the daily shows that can include an archery demonstration, a working trebuchet and a brand new bird of prey show, 'The Falconer's Quest'. In addition, there is a plethora of curriculum-linked workshops that can be booked to bring history vividly to life.

For more information, call **0871 222 2772**, email education@warwick-castle.com or visit www.warwick-castle.com



TO LEARN

ZSL education sessions cover topics as diverse as climate change, food webs and adaptations (KS3) and classification and animal behaviour (KS4).



London & Whipsnade Zoos

If you're looking to take your students on an inspirational school trip, look no further than ZSL's two fantastic zoos. London Zoo is the world's oldest scientific zoo, home to over 650 species of animals, while Whipsnade Zoo is the UK's largest zoo, set in 600 acres of beautiful scenery with some of the largest, rarest and most majestic animals alive. Schools receive fantastic discounts for self-guided entry and educational sessions - you can choose from a range of curriculum-linked sessions, delivering a unique interactive learning experience, which you can book as part of your education visit. A visit to either zoo is ideal for children of all ages, from Foundation through Key Stage 1, 2, 3 and 4.

To find out more, visit www.zsl.org/education

Stubbers Adventure Centre

Based on a picturesque 130-acre site. Stubbers Adventure Centre is a registered not-for-profit organisation that has helped hundreds of schools provide students with the opportunity to develop social and interpersonal skills and build confidence through participation in adventurous activities. The centre offers water sports, including kayaking, jet skiing, sailing and raft building, as well as activities such as archery, fencing, orienteering, laser tag and rifle shooting. 'The Towers' section, meanwhile, offers climbing, abseiling, high ropes and zip wire, and motorsports including quad bikes and 4x4 driving.

Find out more about its School Special Programmes at www.stubbers.co.uk/schoolsandgroups or call **01708 224 753**.





Remove your classroom walls. Give your students the experiences they need to develop a stronger sense of self-belief and be able to better cope with stressful situations.

OUR BIG RESIDENTIAL

Meaningful maths in the mountains

Great Barr Academy's deputy head, Andy Williams, explains how a bespoke outdoor residential visit can be linked to the curriculum









Our aims

The benefits of outdoor education are well documented. Our school wanted to find ways of adding value to any experience beyond the classroom by linking it firmly to the curriculum: finding ways to teach core subjects, especially maths, outside school in a meaningful and enjoyable way. Given that most class work in maths is exam-focused, we wanted to build in ways to intervene creatively, to unpick the negative mindset associated with exams.

Bespoke experiences

Since 2014 we have taken students to Ogwen Cottage in Wales, an outdoor centre where they enjoy adventure residential programmes. These are bespoke courses with learning outcomes designed specifically for us, run with experienced Outward Bound instructors working with our teachers and students. Funding from the Trust means pupils can attend irrespective of their financial circumstances.

Learning in context

Maths teaching is embedded in every aspect of being on the mountains, from measuring calorie intake to working out how long it will take to climb to the top, taking into account ascent, speed and distance. You get to understand that if you are roped up to others you need to be sure of your calculations but also that you are on a journey that is going to stretch and test you.

Building confidence

We grouped together our sports science A-level students with our most disadvantaged and disaffected SEN students, with unexpected results. The A-level students acted as mentors and we saw that the most confident kids stuck close to the teachers. Meanwhile the quieter students came out of their shells. It provided a sense of personal investment and accomplishment for everyone.

{ WHAT THEY'LL LEARN }

There's a natural connection between mountain climbing and maths in as much as the process itself is important. Children learn that before you get to the 'right answer', you must make progress with gradual steps.

Outward Bound programmes teach resilience: students learn that giving up is not an option. Team work, problem-solving and communication erode the feeling of isolation often experienced in maths learning.

The experience of success is important, for both teachers and students. Outward Bound instructors and our staff are motivated, passionate and driven. This has a powerful impact. Students feed off this enthusiasm and energy, and grow.

www.outwardbound.org.uk/courses

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E: enquiries@outwardbound.org.uk

School Visits to Castur Cadbury World

- CURRICULUM-LINKED TALKS AND **WORKSHOPS INCLUDING** MARKETING, GEOGRAPHY AND **DESIGN & TECHNOLOGY**
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- · RESOURCES AND WORKBOOKS
- · FREE PREVIEW VISIT
- · GROUP RATES

"Cadbury World are fantastic in providing enrichment learning opportunities for students."

Sirius Academy





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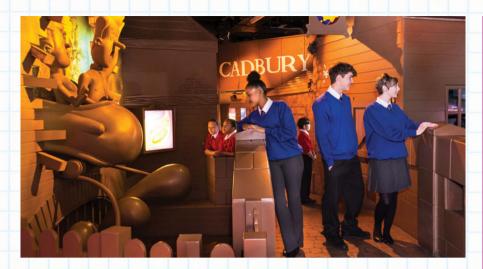
To book, call: OI2I 393 6004 or email: cwe@mdlz.com











WE LOVE TO LEARN

A day choc-full of discovery

Explore history, geography and the workings of an international business at Cadbury World

With over 28 years' experience and more than 2,000 school groups attending each year, Cadbury World offers unique educational experiences that provide a fascinating insight into the nation's favourite chocolate brand. With an assortment of interactive chocolatey zones to explore and a variety of informative curriculum-linked talks and workshops, covering, for example,

Geography, Design and Technology, Business Studies, and Science, Cadbury World is the perfect day out for school groups. Self-guided tours of Cadbury World for school groups are currently available at £8.25 per pupil. For £9.80 per child, pupils can also enjoy a talk or workshop when in a group of at least 25 paying students. One free adult will also be admitted for every eight children.

CURRICULUM LINKS



HISTORY

In Bull Street, the Cadbury Story and the Bournville Experience zones, uncover the philanthropy of the Cadbury family and how their beliefs changed working conditions for their employees.



GEOGRAPHY

The popular geography talk covers factors affecting agricultural land use in low-income countries, including the sustainability of cocoa farming in Ghana and how Cocoa Life is supporting it.



RELIGIOUS STUDIES

Discover how the Quakers were regarded in their communities, and how Quaker beliefs shaped the evolution of Cadbury as a company, in the Cadbury Story and Bournville Experience zones.

f JOURNEYSWorkshop 1 – Desi

LEARNING

Workshop 1 – Design and Technology (KS3/4)
Students will discover the story behind

Students will discover the story behind the designs of popular Cadbury chocolate bars and learn how the design of the bar is linked to the wrapper and advertisements. Pupils will also take a closer look at Cadbury packaging and how this has evolved over the last 100 years, work in small groups to design their own Cadbury wrapper, and see the real-life Cadbury chocolate moulds used in the Bournville Cadbury factory.

Workshop 2 – People in Business (KS5)

An in-depth look into the business behind the nation's favourite chocolate brand, including recruitment selection, career development planning, and financial and non-financial rewards. Corporate responsibility, leadership and employee motivation are all highlighted and demonstrate how Mondelez International lives its purpose of 'Snacking Made Right'.

Workshop 3 – Marketing (KS4/5)

Pupils will learn about the UK confectionery market, including primary and secondary market research, the marketing mix, product life cycles and social media marketing. This experience offers a unique perspective on the marketing theory that students would have encountered within the classroom, and provides a real-life demonstration of a marketing strategy in action. A collection of resources to introduce Cadbury marketing strategies and encourage engagement will also be provided to students prior to the visit.



www.cadburyworld.co.uk/schools-and-groups/schools T: 0121 393 6004 E: cwe@mdlz.com

EVERY MAGICAL MINUTE // CONWAY CENTRES: ANGLESEY

Adventure and creativity

Tackle outdoor challenges and embrace the arts with an opportunity-packed trip to the Isle of Anglesey

Monday, 11:30am

Upon arrival, a quick tour and bag drop-off, before heading to the dining hall to fuel up for the afternoon's adventures. Students begin with a canoeing expedition down the Menai Strait, before heading ashore to take on the via ferrata.

Tuesday, 9:00am

Enjoy a delicious group breakfast before heading into the art studio to discover your creativity. Professional art tutors explain the origins, history and technique of batik wax-resist dyeing. Explore colours and patterns to create unique cloth designs.

www.edsential.com T

T: 01248 714 501

Tuesday, 12:00pm

A morning indoors is followed by an afternoon in the wilderness learning essential bushcraft skills. Establish an overnight camp as a team, create shelters and campfire areas, before settling down to learn the fire triangle and enjoy toasted marshmallows with hot chocolate.

Wednesday, 9:00am

On the final morning, take to the heights of the high ropes and zip wire course. Work together to encourage each other through the challenges of the treetops. Groups below will learn the importance of safety through belaying and spotting.

E: conwaycentres@edsential.co.uk



{ BEFORE YOU GO }

TALK

Speak to the team about your curriculum aims. They can help create a residential tailored to your needs.

ASK

If you wish to plan any selfprogrammed activities, studio, laboratory and classroom space is available.

READ

The pre-visit pack includes information for parents with FAQs and a list of essential items to pack.



For further information about any of our services: email: conwaycentres@edsential.co.uk call: 01248 714501

Adventure awaits with Aladdin

"Exciting", "Magical" and "Dazzling" – school audiences have fallen in love with Disney's smash-hit musical...

isney's *Aladdin* is everything a school party could wish for and more, and is dazzling students on a daily basis at the Prince Edward Theatre, in the heart of London's West End. Breathtaking sets and special effects, over 350 lavish costumes (sparkling with over two million Swarovski crystals) and a fabulous cast and orchestra bring the magic of this popular musical to life on stage.

A spectacular event

Awe-inspiring set designs drawn from the minds of industry legends create a magnificent display that transports students to the fabled city of Agrabah time and time again. Join Aladdin and Genie as they venture across a land inspired by textiles and architecture from the Middle East and across the globe to much-loved melodies written from the 1992 Academy Award-winning film, including 'Friend Like Me', 'A Whole New World' and 'Arabian Nights'.

The journey to Agrabah

Aladdin offers a range of educational resources which are available for free for use both before and after watching the production. Session ideas provide a wealth of creative ideas to inspire learning across the curriculum, including a video library consisting of 10 five-minute videos which provide an insight into the process of theatre making and roles and careers backstage.



Pupils enjoy show content in a pre-show workshop





On the day

Aladdin's pre-show workshops give pupils (and teachers!) the rare opportunity to perform scenes, songs and dances from the West End show. There's a choice of four workshops, which are suitable for pupils aged 7+. These engaging, practical sessions are specifically adapted to suit your class. This itinerary has been devised for a KS3 group with little performing arts experience but a lot of enthusiasm!

11am

Meeting at world famous Pineapple dance studios in Covent Garden. The group are met by their Disney theatrical teaching artists and are shown to their rehearsal studio. Fill up water bottles!

11.15-12.45pm

Musical theatre workshop exploring the opening number to the show, 'Arabian Nights'. Teaching artists lead the group through a 90-minute session adapted to pupils' age and level of experience.

1-2pm

Free time – many groups use this opportunity to explore Covent Garden!

2.30-5pm

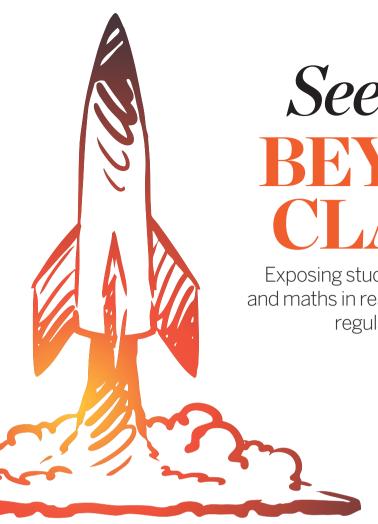
Matinee performance of Disney's *Aladdin*. The Prince Edward Theatre is a short walk from the workshop venue. The show runs for two and a half hours.

Back in the classroom

Once back at school, there is a wealth of ideas within the 'Cave of Wonders' resource; while aimed at KS3, the resource is flexible and activities can be adapted to suit different ability levels and schemes of work. This resource delivers on learning objectives in English and performing arts.

The video library can be used to deepen pupils' knowledge of the production, including storytelling and adaptation for stage, as well as what it takes to be a part of the costume, design and backstage teams. It's like a virtual backstage tour!

For more information or to book your show tickets or additional workshops, call Disney Tickets Group Sales on 020 7845 0949 or email groupsales@disneytickets.co.uk. For more information, visit www.aladdineducation.co.uk



Seeking STEM BEYOND THE CLASSROOM

Exposing students to science, technology, engineering and maths in real-world contexts will engage them in a way regular lessons can't hope to match...

LUCY COATES

recent study, 'Jobs of the Future' (bit.do/ JotF), suggested that there will be almost 150,000 new jobs in science, technology, engineering and maths between now and 2023. Great news, I'm sure you'll agree. However, the report's authors also anticipate a worryingly large shortfall of skilled individuals to fill these roles. Young people, it seems, are just not engaged with these subjects. So why do schools and colleges struggle to light a spark for STEM in young people? It has got to the point where the government has had to put financial incentives into maths and physics courses at universities to encourage undergraduates to pursue them. Whatever the reasons, it's really important that we do everything we can to foster a passion in our students for STEM subjects. It's our responsibility to inspire young minds in a way which will help shape the future.

As far as I'm concerned, there's no better way to do this than to show students STEM in action in the real world. Whatever the subject, taking students outside of a classroom environment is proven to be one of the best ways to engage them in their learning. Many people think of school trips as merely an end-of-topic wrap-up, or a reward for good attendance, but this is just the tip of the iceberg! As the Council for Learning Outside the Classroom puts it, "Real-world learning brings the benefits of formal and informal education together and reinforces what good educationalists have always known: that the most meaningful learning occurs through acquiring knowledge and skills through real-life, practical or hands-on activities."

Make it real

How do you go about introducing learning outside the classroom to your school's STEM subjects? Well, you could simply plan to incorporate learning in the school grounds, but if you really want to inspire students it helps to be a little more ambitious.

For example, imagine talking to your physics class about the ongoing expansion of the universe; "It's amazing!" you say as you show a picture of the cosmic microwave background on your smart board. But it's not exactly easy to get your head around a picture, particularly in the case of topics as 'big' as the formation of the universe. Imagine then, taking them to a planetarium where they can become far more immersed in the cosmos, as they see the planets and stars in front of their eyes; and where they can better comprehend the information you shared with them in the classroom. Which scenario do you think they are more likely to be excited by?

The above applies equally to maths. Teachers are fighting a constant battle with students in an effort to explain why maths is such a useful life tool, so instead of telling them, show them! Why not take them to a bank museum (trust me. it's a lot more interesting than it sounds!) and show them how these institutions maintain trust, work out inflation and keep financial systems stable? And don't forget physics - arranging a trip to a theme park is not only great fun, but also gives students a chance to explore the energy transfers, forces, calculations and planning that goes into designing world-class rides. Afterwards, they can feel G-force in action as they shoot through the air at 80mph on a roller coaster!

In all these scenarios you are putting STEM subjects into a context that's so much fun your students will be learning without even realising it. And what's more, they will remember it!

Inspire careers

This approach doesn't only engage and excite students, it also encourages them to think about their own futures. Recently, I was lucky enough to attend a careers fair at a

send a careers fair at a secondary school. All day I saw the shock on students' faces as I detailed the different roles available at a theme park. I had engineering students who had never even considered that roller coasters need engineers. I had





graphic designers thrilled by the prospect of creating the theming for a new thrill ride. It's vital that we broaden the horizons of our young people by exposing them to a wide range of experiences.

Once a young person finds a passion for something, it is a feeling that can be fostered and harnessed throughout the rest of their education, and truly have an impact on their career choices as an adult. Students who are able to use algebra in maths can apply these equations in their science lessons to help prove a hypothesis. Students who understand geometry can think logically about how to build strong and secure structures in DT. The skills are transferable right through education and into adult life, setting them up for their future. Getting young people engaged in STEM is easy - when you make the learning fun!

Uncover passions

Finally, have you ever noticed that when you take young people into an unusual environment that different students shine? That quiet boy

all about why inversions on a roller coaster are teardrop shaped instead of circular. The student who sits at the back to chat with her friends is struck dumb as she stares in awe at the night sky in a planetarium. As a teacher, you learn so much about the young people in your classes when you put them in situations that depart from the norm. Being outside of the classroom is a great way of spotting hidden talents and passions - what better way to get to know what your students find fascinating about STEM than by seeing it first-hand! You never know, you might have the next Nobel Prize winner in your class if they get a nudge in the right direction!



thorpepark.co.uk/schools

PLANNING A STEM SCHOOL TRIP? HERE'S HOW TO GET STARTED

- Ask yourself some questions: What do I want my students to learn? Where would be an interesting place for them to learn? Who can help them understand?
- Look for accreditations and partnerships does your preferred destination hold the Quality Badge for Learning Outside the Classroom? Do they work with trusted education brands?
- Find a location that sparks curiosity and fun, and don't be afraid to travel; the closest option may not offer you the best quality.
- Get in touch check the details before making your decision; you want the best experience for your pupils!
- Look at the content on offer. What areas of STEM does it cover and how does the location foster learning? Is it cross-curricular? Can you continue the learning back at school?
- Speak to your class to get to know what they find exciting. If you can link this to their learning, they are instantly going to be engaged!
- Consider making it a residential staying for more than one day can help to ingrain learning as well as allowing children to build friendships, confidence and social skills.

Lucy Coates

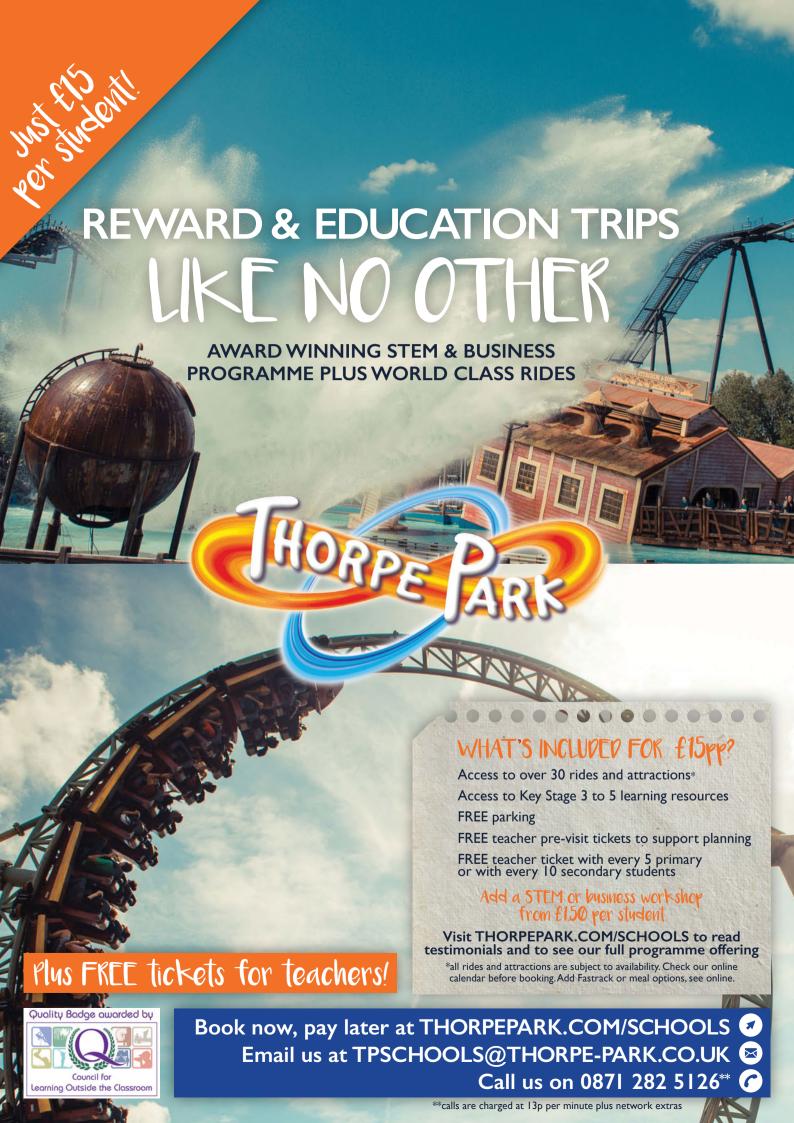
is senior

education

facilitator

at Thorpe

Park Resort.





WE LOVE TO LEARN

Exciting ways to explore STEM

An action-packed day of learning, and the thrill of world-class rides...

If you're looking to inspire your students within the world of STEM, Thorpe Park Resort's award-winning education programme can help. It offers unique lessons in science, maths and design and technology, based on the park's famous roller coasters. All workshops are created with, and delivered by, teachers, and take place at the Thrills Workshop, a stone's throw away from

the rides and attractions.

Tickets for secondary schools are only £15pp and teachers go free (1:10 paying students). Hands-on STEM workshops, which last up to 45 minutes, are the only additional costs at £1.50pp, and workshops in computing and business/marketing subjects are also available. Get in touch with the education team directly using the contact details below.

- CURRICULUM LINKS



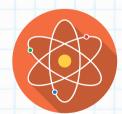
MATHS

Solve problems involving algebra, equations, multiplication and division. Explore maths in a real-life context and understand why it is vital to roller coaster structures.



D&T

Select from and use a wide range of tools and equipment to perform practical tasks and investigate and analyse a range of existing products.



PHYSICS

Learn about centripetal acceleration and circular motion. Calculate kinetic energy, gravitational potential energy and G-force, and put scientific understanding into a real-life context.

LEARNING JOURNEYS

Workshop 1 - Maths at Thorpe Park Resort

In this maths workshop students will take concepts taught in the classroom and apply them to real-world scenarios. Students will calculate the gravitational potential energy created on the park's favourite rides, discover the clever ways that queue times are calculated and learn why maths is so important in the running of a successful business.

Workshop 2 - The science of roller coasters

Thorpe Park's flagship workshop uses the laws of physics to engage your students in science outside of the classroom. Pupils will explore the equations needed to calculate gravitational potential energy, work out how much G-force acts on the body as they drop and spin on rides, learn about what happens if rides don't have enough kinetic energy, and get in a spir as they explore circular motion.

Workshop 3 – D&T roller coaster structures

Students learn about the design process, materials and methods used in the creation of a world-class attraction. How important is secrecy during the construction of a new attraction and how does great theming enhance the guest experience? Come and find out!

All workshops at Thorpe Park last up to 45 minutes and can hold up to 70 students at one time. Pre- and post-workshops resources are sent out to support teachers throughout their booking journey, providing schools with ongoing inspiration!



www.thorpe-park.co.uk/schools E: tpschools@thorpe-park.co.uk









West Midland Safari Park

Go wild on a four-mile safari packed with educational opportunities and tons of fun

EASY TO ORGANISE

Booking your trip is made stress-free with no booking forms or deposits needed – a memorable day is just a call or email away!

Drive-through safari
This four-mile safari brings you
nose to nose with some of the most
magnificent animals on earth, including
rhinos, lions, giraffes, cheetahs, tigers
and elephants. See if you can spot the
latest babies, or hire an on-coach
Safari Ranger to help you!

Take a ride
During the summer season, schools
can upgrade admission to include
wristbands for the rides. Plummet 30

metres on the Venom Tower Drop, get soaked on Wild River Rafting or take it easy on the Congo Carousel.

Walk-through exhibits
There's plenty to do on foot too!
Visit the Discovery Trail, home to
penguins, free-flying bats, rainbow
lorikeets and more. Lemurs and meerkats
can be found in the African Village, or
step back in time in Land of the Living
Dinosaurs and Ice Age.

A Safari Academy
Located near the Hippo Lakes, the
purpose-built Safari Academy enables
pupils to immerse themselves in a unique
learning environment, where the park's
education team aim to inspire a future
generation of conservationists.



Educational extras
Informative 45-minute Discovery sessions are held in one of the park's five classrooms and are designed to complement your chosen topic/theme. Alternatively, Walking Safari guided tours of the walk-through areas, or on-coach Safari Rangers, further enhance students' knowledge.

www.safariacademy.co.uk

T: 01299 404 888

E: education@wmsp.co.uk





Creating safer communities through education, sharing inspirational Holocaust survivor testimonies and harnessing the power of technology to keep stories alive.



MUSEUM – MEMORIAL GARDENS – EDUCATION CENTRE

Book on a survivor talk: http://bit.do/ePUmE

Take The Journey exhibition trail: http://bit.do/ePUmQ

Visit our main site: www.holocaust.org.uk

Address: The National Holocaust Centre & Museum, Acre Edge Road, Laxton, Newark,

Nottinghamshire, NG22 0PA

Tel: 01623 836627



WE LOVE TO LEARN

Reflecting on the past

Inspire your students with the National Holocaust Centre and Museum's transformative history programme

"Yesterday I witnessed a unique experience. The questions and comments on students' return were breathtaking" - the words of a secondary school teacher whose pupils have benefitted from the Centre's history programme. The programme is all about investigative learning and critical thinking. Students explore the Centre's award-winning Holocaust exhibition and discover the steps leading to genocide. After listening

to survivor testimony, they leave with essential life learnings that will stay with them forever.

The Holocaust is a warning about how thin our civilisation is and how deeply human cruelty can run. Particularly in today's political climate, now is the time for students to learn about the consequences of hate, the importance of critical thinking and how our choices define us.

CURRICULUM LINKS



HISTORY

Students learn about pre-war Jewish life. antisemitism, the rise of Hitler, discrimination, Kristallnacht, ghettos and the final solution. They examine people's choices within these contexts.



PSHE

This is evidential. values-based learning prompting students to examine their own choices and identity, and inspiring them to stand up and challenge hate.



ENGLISH

Some students are inspired to enhance their literacy skills by reading works such as The Diary of a Young Girl (Anne Frank) and The Book Thief.

www.holocaust.org.uk/history1 E: bookings@nationalholocaustcentre.net

T: 01623 836 627

LEARNING **JOURNEYS**

Introduction to the day

Students watch an inspiring documentary tracking the chronology of World War Two and introducing testimony and perspectives. They look at who was involved in the Holocaust. and examine why ordinary people made certain choices. This sets the scene for the day and facilitates critical and independent thinking. Students are then challenged to draw conclusions from what they have learned, ask questions and discuss testimony.

Exhibitions and gardens

Students are taken through the award-winning Holocaust exhibition by an educator. They are empowered to critically evaluate evidence from the perspectives of perpetrator, victim and bystander. Students are challenged to explore how each role influenced historical outcomes and how our choices can affect others. Then it's time for reflection. Our gardens encapsulate beautiful sculptures that inspire students' creativity and facilitate the processing of information. Students find the programme "awe-inspiring".

Survivor testimony

Having listened to a survivor's story, students feel challenged to respond to contemporary discrimination and persecution. In the words of inspirational Holocaust survivor Arek Hersh: "What hurts the victim the most is not the cruelty of the oppressor, but the silence of the bystander." It's the transformative nature of this learning that keeps the students inspired, schools returning, educators passionate and survivors tirelessly committed to sharing their stories.



6 REASONS TO VISIT A MUSEUM

Want to inspire your students with an immersive educational experience? Seeking creative learning opportunities? Look no further...

LOUISE STAFFORD

here's no doubt that museums are places of inspiration and provide special learning experiences. They offer diverse and sometimes alien environments for visitors to explore. For educators they are fantastic resources, as they enable students to do each of the following six things...

lLearn informally

Arguably, one cannot learn if one cannot experiment with ideas, so providing students with an environment in which they can explore concepts is vitally important. Museums provide the optimum informal learning conditions.

There's also the point that we each learn at different rates, and museums are the ideal setting for understanding and processing information at your own pace. By definition, as we are working our way through museum exhibitions, we are each empowered to move at our own speed and focus on the elements that are of most interest to us. We naturally engage because we can take charge of how we do so.

Informal education is synonymous with a lifelong process of developing attitudes, values, skills and knowledge. Museum visits are extremely beneficial, as one visit can expose your students to in-depth information on a subject that will be memorable, as it is immersive and outside

of the day-to-day theoretical classroom context. Students are able to learn independently and on their own terms. This is an essential part of our human development in addition to meeting curriculum needs.

Be inspired
Museums provide
connections that spark new
ideas, particularly on school
trips when your students will
be debating with and learning
from an educator. They will
also have the opportunity to
engage with other visitors and
overhear their perspectives
on exhibits. Museums are
places you can test ideas in a
respectful setting.

In this day and age, museums also provide links to communities via social media. Many museums offer fully funded outreach programmes for educators write poetry, record vox-pops, upload photographs or create their own memes. Their learning is then received by a different audience who may be inspired to engage with it in a different way. This new audience may also be inspired to visit the museum in question, so learning is shared more widely on the back of a school visit.

Express yourself

Museums are centres
in which communities
express themselves. They are
much more than artefacts
and testimonies; they are
environments in which
music concerts happen, art
exhibitions are held and
students are invited to attend
and share their creative works
in response to the visit. Many
museums hold exhibitions
showcasing students' work.
In turn, these creations can

in which your students can communicate, share, challenge and learn.

4 Travel through time

Museums are increasingly becoming immersive experiences that use leading-edge technology to bring learning to life. Examples may include a virtual reality exhibition in which a student can walk into a painting and examine its elements. Or they may venture into a photograph with the option of turning round to see who is operating the lens. Thus examining and evaluating the nature of being a 'witness'. Is there any such thing as an objective viewpoint/eye?

Equally, some museums have recorded survivors of genocides and atrocities in 3D so that future generations will always be able to learn first-hand from those who were there. Such technology may include key word recognition, meaning that the audience can ask a survivor their own questions and get them answered - giving a personalised experience.

Depending on the topic, museums may also enable visitors to engage with simulated time travel. Equally, transport museums have restored old vehicles for visitors to ride and engage with the

"Museums spark new ideas, particularly on school trips when your students will be debating with and learning from an educator"

to visit schools working on projects tackling key issues in today's political climate. One such topic could be tackling hate. Students can visit an exhibition on a particular topic and then express their creative responses to it on social platforms. They may inform future exhibitions and educate the museum on the needs of their target audience. Museums are dynamic places to be, with learning that evolves and where new ideas are shared. They provide an extremely creative and inspiring environment

experience first-hand. By definition, museums are a way to bring generations together – enabling them to come to a better understanding. In the words of L. P. Hartley in *The Go Between*, "The past is a foreign country: they do things differently there." Each of us can laugh, when we reach a certain age, at young people

not recognising what had been the norm in our former lives. For example, watching clips of young people not knowing how to work landline phones or recognising what an audio tape might be. Museums are a way of introducing younger generations to a different time, place, context and way of living. In this respect museums can bring families together with a greater understanding of one another.

Make memories

Depending on the learning programme you choose for your visit, you could secure an experience that will stay with your students forever. For example, why not head to a museum in an entirely different location? Perhaps the UK's capital if you are not from there? Your students will get to experience the sights, sounds and smells of an entirely different location, a learning experience in its own right.

learn from witnesses who were there. Theory is important but practical learning is irreplaceable.

Because museums are more than purely artefacts and testimonies, you may choose one with beautifully sculpted grounds. This would add versatility to your students' day and cater to the needs of the more creative amongst them. The more you can use the environment and what lies within it to spark their learning, the better able they will be to go away and investigate in-depth about a given topic. Arguably, the greatest gift you can give to a student is the desire to learn, and museums certainly whet that appetite.

Affect change

More than simply learning and regurgitating facts, museum visits can provide transformational learning. This is especially true if the topic is particularly challenging for students. Engaging with a traumatic or inherently negative topics, particularly in the history of human behaviour, can empower students to affect change. More than learning facts they are inspired to think about who they are and who they would like to be. They are,

after all, the next generation who will determine how our communities will be shaped in the future. Engaging with atrocities and evaluating the steps that brought them about while comparing them with today's society can empower young people to become politically active and voice their own opinions while respecting those of others. Museums are essentially food for the mind and can be immensely empowering and emotive experiences.





10 OF THE BEST

OUTDOOR ADVENTURES

Get your group active in the fresh air with a little help from one of these high quality providers...

The Conway Centres The Conway Centres offer progressive learning experiences designed to challenge, engage and inspire young people. Based in a diverse array of locations, they provide a wide range of outdoor adventure activities, creative and performing arts, and field studies interventions that will enhance social, physical, emotional and creative development. All age ranges are catered for across the six centres, and there's the opportunity to construct a bespoke residential programme for your students and their specific requirements, or for them to participate in a packaged course. The centres aim to broaden participants' horizons, support the learning that goes on in schools and contribute to raising attainment.

For more information, call **01248 714 501**, email conwaycentres@edsential.co.uk or visit **www.edsential.com**



The Field Studies Council

The Field Studies Council offers KS3 adventure and team-building activities at its many centres across the UK. These action-packed courses, taking place over 3–4 days, are set in stunning natural locations and inspire students to succeed and excel in new physical challenges. They provide opportunities to improve confidence, build character and develop the desire to lead healthy, active lives while having fun participating in adventure activities. These courses can be tailored specifically to any year group in KS3 and build in specific learning aims and needs for your group.

To find out more, call **01743 852 100**, email **enquiries@field-studies-council.org** or visit **www.field-studies-council.org**

PARTNER CONTENT



Q Oaker Wood Leisure

The Oaker Wood Leisure Adventure Centre in Herefordshire specialises in school activity residentials for groups of up to 120 students. Accommodation comes in the form of wooden 'glamping' pods based in glamping villages for the exclusive use of each school group, complete with campfire, barbecue hut, kitchen and dining facilities, showers and toilets. On-site activities include team-building, high ropes, a zip wire, quick jump, paintball, raft-building, quad trekking and more. Residentials can be booked for between one and four nights, with day trips and in-school team-building days also available.

For more information, visit www.oakerwoodleisure.co.uk

With PGL you can choose from an exciting range of adventure-based courses in the UK and France, all designed to bring out the best in your students. From personal development, field studies and French language courses to netball tournaments, revision weekends, football coaching, and skiing and snowboarding, your students will enjoy an experience of a lifetime. Comfortable accommodation is available at one of 22 PGL residential centres in the UK and France, with support from trained PGL teams who provide evening entertainment programmes every day and ensure everyone gets the most from their visit.

Find out more at www.pgl.co.uk or call 0333 321 2100 to discuss your requirements.





Epic Outdoors

Epic Outdoors is an adventure activities licensing service and Duke of Edinburgh approved adventure provider specialising in developing personal and group skills through multi-activity programmes. It currently delivers activities in the Lake District, North Wales and the Peak District – everything from gorge walking, canoe and climbing to mindfulness, wild camping and traditional storytelling – to over 2,500 young people each year. Schools receive full support, from pre-visits for staff, students and parents to curriculum blending and post residential review trips – and most importantly, genuine adventures built around learning outcomes.

Email info@epicoutdoors.co.uk or visit www.epicoutdoors.co.uk

// OUTDOOR ADVENTURES

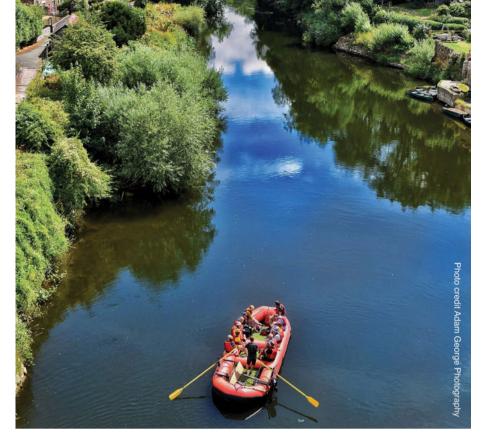


Llain Activity
Centre

Llain Activity Centre is a short drive from New Quay, West Wales and a short walk to the secluded Cei Bach beach. The nine-acre former farm is packed with various accommodation options, a one-and-a-half-acre lake and a one-acre mud assault course as well as a climbing tower, high ropes and zip line. Having specialised in school residential trips for over 20 years, the centre has a loyal client base but has recently added to its bunkhouse accommodation, creating additional spaces for the 2020 season. The team pride themselves on their pre-visit communication and parent presentations.

To find out more, call **07977 543 396**, email **adventure@ activity.cymru** or visit **www.llain.com/education**





Shropshire Raft Tours

Shropshire Raft Tours offers services to accommodate school trips, as well as facilities to receive coaches in the Wharfage car park (TF8 7NH) where its Little Green Kiosk is based. Its River Severn Tours are a compelling educational experience, and lots of fun too: passing through the Ironbridge Gorge, they provide a fantastic opportunity for students to learn the history of the river during the Industrial Revolution, acquire river safety skills, explore how the Severn valley gorge was formed, and much more.

For more information, call **01952 427 150**, email **shropshireraft-tours@icloud.com** or visit **www.shropshirerafttours.co.uk**

Scout Adventures At Scout Adventures, they believe that amazing things can happen in the great outdoors. With over 100 years' experience in character education the organisation has helped young people enjoy fun and adventure, learn new skills and become active citizens of the future. At Scout Adventures it's all about helping young people to reach their potential - understanding that learning away can have a powerful, positive impact on young people's academic achievement. With its expertise in informal outdoor learning, and world famous Scouting heritage and values, Scout Adventures has inspired generations of young people to reach their potential and learn skills for life. It also provides free resources

www.Scoutadventures.org.uk





Rock UK
For nearly 100 years, Rock UK has been working with schools to develop young people through outdoor adventure. Its four nationwide centres offer over 40 instructed activities, tailor-made programmes and bursary places. Secondary school trips include challenging outdoor education activities that boost self-esteem and confidence, and build resilience.

Its experience can be tailored to support your curriculum and learning outcomes, and whether you come for a day or stay for a week, the aim is that students return to the classroom instilled with a sense of achievement and empowered to achieve more, with a new appreciation for learning.

You can find out more at www.rockuk.org



Teachwire.net offers a daily mix of news, commentary and resources for secondary school teachers. **Find advice, opinions, lesson plans and assessment tools - all for free!**



MFL - KS4

This fun and creative lesson should get even the least confident of your students expressing opinions in the target language!

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1

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twgangs

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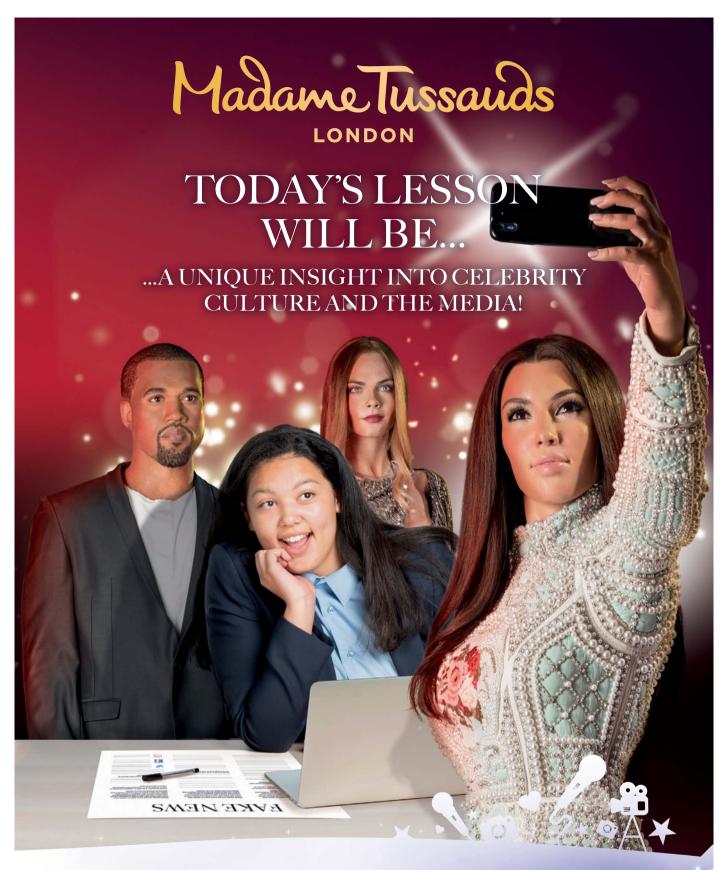
- Great value residentials
- Day trips also available
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EVERY MAGICAL MINUTE



Today's lesson will be on board the **London Eye** and **London Eye River Cruise**...



It is nearly time to board your classroom in the sky. But first you will need to head to the London Eye Pier ticket office to collect your pre-booked and paid-for tickets. You will then proceed to the London Eye Pier to await boarding for the London Eye River Cruise.

10:45am

It's time to take to the water! Taking place just below the London Eye, the 40-minute award-winning circular sightseeing cruise features live commentary presented by expert guides that brings the city to life. As you cruise down the Thames, students will learn about St Paul's Cathedral, Tower Bridge, the Tower of London, Shakespeare's Globe and much more.

11:30am

Break for lunch and an opportunity explore South Bank, home to great national centres for art and culture and some of London's finest achievements in architecture, amongst them the National Theatre, Southbank Centre and the London Eye itself (www.southbanklondon.com)

12:30 or 14:00

Book a KS3 Discovery Workshop on board the London Eye. As part of the package you will need to meet your education host at the VIP desk and receive priority boarding. This 30-minute enhanced in-capsule experience is exclusive for school groups, covers geography, DT, maths and art, and features interactive activities and interesting facts about London's iconic skyline. Students will...

• Add context to human and physical geography and geography fieldwork, e.g. understanding more about the



DID YOU KNOW?

NER CONTENT

You'll travel 135 metres into the air in one of 32 high-tech, fully enclosed capsules – one for every borough of London.

River Thames and its impact on the development of London.

- Learn more about the designers and engineers behind London's iconic buildings and bridges.
- Be inspired by the architecture and features of London's skyline and use it as the stimulus to produce creative artwork.

"Taking place just below the London Eye, the 40-minute award-winning circular sightseeing cruise features live commentary presented by expert guides that brings the city to life"

{ BEFORE YOU GO }

BOOK NOW

The London Eye has shown itself to be at the top of the class for educational visits, having been awarded the Learning Outside the Classroom (LOtC) Quality Badge.

PLAN

To help you plan your day, on payment of your booking you will receive two free teacher planning tickets so that you can come and familiarise yourself with the attraction.

LEARN

Download free in-classroom activities, including 'Visit London' guides (KS3 English), 'London then and now' (KS3 history & geography); 'Aerial architects & designers' (KS3 DT), and 'London's great bridge engineers' (KS3 history & art).

How to plan YOUR TRIP ABROAD

you nervous, but it needn't be a stressful experience, and the benefits speak for themselves...

interest in a subject, help with preparation for exams, support clearer understanding, plus after students return home.

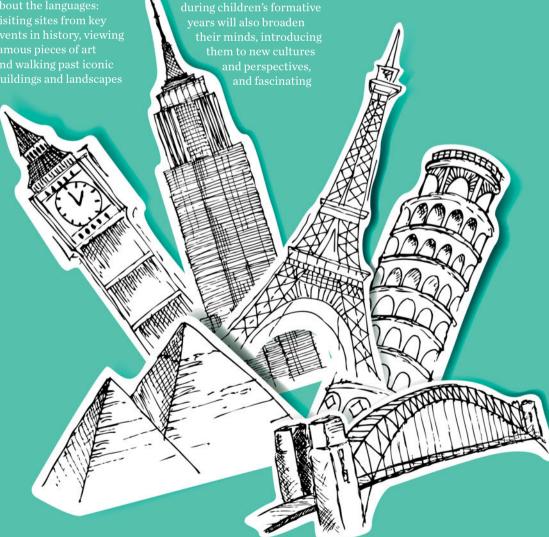
trip – particularly when your

your students. From their early years, children are particularly good at picking the chance to engage with

arrange, automatically takes learning to another level their first ice cream to (for the adventurous) tasting their first snail, children will have a

will all enrich classroom-based students' imaginations. any other educational context or setting.

their own. It will help them





This benefit of overseas visits deserves particular focus. For many children, being away from home is a steep learning curve – and this is especially the case when they're staying in another country, with an added layer of unfamiliarity to deal with. They have to adapt to sharing a room with their friends, take care of their own possessions, and respect others' belongings. But by being required to confront these challenges, the whole experience of being away will improve their relationships with their peers and their teachers; they will learn about themselves, become more confident, try new things and gain a better understanding of the world around them.

Learning outside the classroom (LOtC) is known to contribute significantly to raising students' personal, social

benefits of a well-planned trip will always outweigh the risks.

If you do find yourself having second thoughts, keep in mind the assessment of the Council for Learning Outside the Classroom: "Learning outside the classroom helps young people to develop the ability to cope with and experience a wide variety of challenges. It requires them to make informed choices and to understand and

the visits you have planned and their locations, which will help you complete your risk assessments. This will also help you feel more confident about taking a group of young children to a foreign destination, as you'll be more familiar with the surroundings.



Steve Craven is Director of NST Travel Group, Visit www. netgroup co. u

OVERSEAS TRIPS

"You should plan with clear learning objectives in order to meet your students' specific learning needs"

Getting started

Ready to take the plunge? You should plan with clear learning objectives in order to meet your students' specific learning needs. Whether you have organised many school trips before or this is your first time, it's good practice to book through a reputable school tour operator. Chat with colleagues and do some online research to find the right provider for you. There are many things to consider – financial security, educational content, health and safety, for starters – and you'll need to weigh up the balance of potential risks against the benefits for pupils; however, the

take responsibility for the consequences. It leads to a positive 'can-do' attitude. Risk and challenge can be provided in all learning outside the classroom contexts – from activities within school grounds to adventurous expeditions overseas. LOtC is statistically very safe."

Go on a preview visit

When you book through a school tour operator you can spend time discussing your needs and agree the objectives and outcomes. Your provider should offer you a preview visit, so you can check the accommodation

THINGS TO REMEMBER

Organising a school trip abroad can be scary, but the reality really needn't be. Here are some points to keep in mind to ensure everything runs smoothly...

- Book with an established tour operator to take the stress out of planning and for help and support before, during and after your trip. Make sure your provider is ABTA & ATOL-protected so parents' money is safe from the moment you book.
- Plan well in advance to give yourself, and your students as much time as possible. This will give you more options to choose from and more time for parents to budget.
- Take time to choose the right destination; it goes without saying that you should be looking for somewhere that has safe and secure accommodation. Choose a place that is self-contained with lots of things to do close by.
- Make sure you complete all the necessary risk assessments and go on a preview visit so that you are familiar and comfortable with where you'll be taking your students.
- Finally, get the most out of your budget by including lots of free visits and include a mix of fun and educational visits without overloading your itinerary.



with an exciting school trip experience with NST

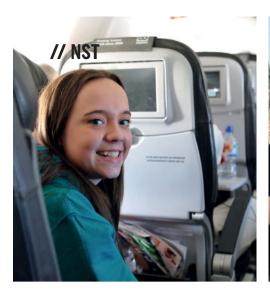
- We've been creating tours that inspire & educate children for more than 50 years
- We make it easier for you by organising your transport, accommodation & visits
- 24-hour support whilst on your trip is always just a phone call away
- Safety is at the heart of every NST school trip and we're ABTA & ATOL protected too















WE'RE THE EXPERTS

"With you every step of the way"

Discover a world of learning beyond the classroom with the help and reassurance of NST's school travel experts

Why are NST the experts in school trips?

We have been creating tours that inspire students for over 50 years. Founded in 1967 by a maths teacher who recognised the need to help organise school trips, we are now the largest educational tour operator in Europe. Our experienced and knowledgeable team work closely with teachers to ensure their trip meets their curriculum requirements and the needs of their group.

What sets you apart?

From the moment you enquire you'll have your own dedicated contact who has extensive school travel knowledge, and will go the extra mile to create a tour that enables your students to understand how they fit into the world around them.

What support do you offer?

By talking to teachers and following the customer journey, we have the resources available to help you at every stage of the school trip process:

Tailor-made quotes – no hidden costs, incorporating all visits, transportation, student-friendly accommodation and insurance.

Flexibility – we understand that it can take some time to gather deposits; just provide us with a realistic timescale and we can hold all arrangements for you until your deposits have been received.

Free resources – a free trip launch kit and educational resource packs.

My Tour Manager – our award winning online trip organiser give teachers 24/7 access to their school trip information and helps you keep on top of admin.
24/7 support – benefit from the support of NST's representatives, guides and escorts in many of our destinations, plus our 24-hour emergency cover.



EXPERT PROFILE Name: Sarah

Robertson

Job title: Senior

Educational

Travel Advisor

Area of expertise: Creating tailor-made experiences for school groups

What are the benefits for students and teachers?

There's no substitute for a real experience in the wider world to inspire students' imaginations. Learning outside the classroom not only boosts student engagement, but also improves their knowledge, skills, understanding, self-confidence and wellbeing. What's more, a school trip fosters deeper relationships and boosts cohesion and a sense of belonging. On top of this, the experience will help develop teachers' pedagogical skills.

What feedback have you received?

Our teachers regularly leave us feedback telling us they have found their trips to be a perfect balance of fun activities and educational content. We pride ourselves on retaining our one-to-one support and providing exceptional customer service, and as such we've been awarded the Feefo Gold Service award – an independent seal of excellence that recognises businesses for delivering exceptional experiences, as rated by real customers.

ASK ME ABOUT

TAILORING YOUR TRIP – I can create an itinerary to suit your group and support the curriculum across many different subjects.

SAMPLE ITINERARIES – Looking for inspiration? I can provide all the information you need with daily timings in any destination of your choice.

EDUCATIONAL RESOURCES – I can offer you unique and exclusive educational materials for you to use on your trip and provide you with resources for pre-and post-trip tasks too.

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- Skiing & Snowboarding in Europe & the USA
- Personal Development & Year Group Bonding
- Field Studies & subject-based courses

22 residential centres in the UK & France



6 THINGS TO DO AT...

PGL



Whether you want to book an outdoor adventure, boost language learning or take to the slopes, you've come to the right place...

THE LOWDOWN

PGL Travel is the UK's leading provider of outdoor adventure courses for schools and groups, with 22 residential centres in the UK and France.

Multi-Activity

Canoeing and abseiling, problem solving and zip wire, giant swing and archery – just six of the many challenges on offer on a PGL Multi-Activity adventure. Students develop new skills, determination and resilience by overcoming fears and meeting new challenges in a fun and friendly environment. Multi-Activity is a great choice for year group bonding at the start of a new term or for personal development at any time.

Field studies & revision weekends

The geology, flora and fauna of the Isle of Wight, Jurassic Coast and Suffolk coast provide the backdrop for PGL's field studies courses. Specially designed workbooks support learning from KS3 up to A level, and all courses are delivered by experienced PGL teams. Meanwhile, revision weekends offer a stimulating combination of teacher-led, classroom-based study and outdoor adventure activities to get students exam fit.





Sports weekends

PGL's popular netball weekends give teams fantastic opportunities to play against other schools in a structured tournament officiated by England Netball umpires. Adventure activities add an extra dimension to the weekend, which is rounded off by trophy and medal presentations and the chance to meet a member of the England netball team. Alternatively, develop skills and team-building with a PGL football weekend – combining adventure activities with game-style coaching from UEFA B (FA) qualified coaches.

4 Watersports & adventure

The South of France offers an exciting range of watersports and adventure for secondary students. From kayaking, dinghy sailing and giant stand-up paddleboarding in the blue waters of the Mediterranean, to the spectacular canoe descent of the Ardèche Gorge, PGL adventures in the south of France are an experience never to be forgotten. Choose the Ardèche Adventure or Mediterranean Watersports courses or get the best of both with the Two Centre Adventure.

French language & culture

Nothing beats learning a language with native speakers in their own country. PGL trips to France help develop language skills in real-life situations and provide plenty of opportunities for students to discover French culture. Three PGL centres in Northern France – on the Opal Coast, near Paris and in Normandy – offer tailor-made itineraries combining language learning with excursions to places of interest such as a snail farm and a chocolaterie.

Skiing & snowboarding

Everyone remembers their school ski trip. It's an exciting journey into a new environment to learn a new skill.

PGL Ski offers hand-picked resorts and accommodation across Europe and the USA.

Expert advisors help school groups to create their ideal trip, tailor made to meet their requirements and skiing abilities. There's a choice of hotels within walking distance of the slopes, snow-sure resorts with glacier skiing and accommodation to suit all sizes of group.

www.pgl.co.uk/secondary

T: 0333 321 2100

E: schools@pgl.co.uk

Great residentials are WITHIN REACH

If you're concerned that the cost of taking students away for an outdoor adventure will be beyond parents' means, you may find these tips useful...

PERRY SLADEN

school trip is a memorable, life-enhancing experience that will inspire learning and change attitudes - and few have greater impact than a well-planned residential. Paired with a high quality outdoor adventure course, these visits can help students develop a host of skills not normally covered in the classroom while spending time in the fresh air. But with so many options available to schools, some costing in excess of £1,000, how can a secondary school teacher a) be confident when making their choice, and b) find an option that's affordable to parents, thus enabling as many children as possible to benefit from this valuable experience?

Embrace the outdoors

Research cited on the English Outdoor Council's website

(englishoutdoorcouncil. org) confirms what we all intuitively know - that outdoor adventure courses bring a wealth of benefits to young people, benefits that include academic achievement, but which stretch far beyond into other areas such as social and personal development. These courses typically include exhilarating and challenging individual and team activities, for example, a high ropes course, climbing, abseiling, kayaking and raft building, all of which are hugely enjoyable for young people.

At the same time, the chance to spend time away from home, taking responsibility for themselves is also an invaluable learning experience for teenagers. It can be a steep learning curve, but it affords individuals an opportunity to develop independence and strengthen

relationships with both their peers and the staff on the trip. And that's only the beginning: research shows that students invariably return to school with more confidence, more motivation to succeed and greater self-belief as a result of their experiences. The challenges they have faced on their outdoor adventure raise their aspirations and help improve communication skills,

coping mechanisms and personal organisation.

The outcomes, then, speak for themselves, but how do teachers bring them about in an era of austerity, at a time when household incomes are being squeezed and parts of the education system are struggling under a range of pressures? How do you make residential school trips more affordable?

Make a plan

Choosing a reliable provider for your trip is key to getting the best value for money. The Council for Learning Outside the Classroom (CLOtC) offers information on all the major operators, and you can be confident that those which have been awarded the council's Quality Badge will conform to industry standards of provision.

Pick your time to trave

If you can be flexible regarding when you travel, you can make considerable savings. Where possible, avoid peak summer-term travel, when prices are at their highest. As an added bonus, travelling outside of peak dates may offer new learning opportunities, as highlighted in the #WinterResidentials campaign by Learning Away.

How long?

Consider duration. Half-week residentials are proving to



be an increasingly popular option, and weekends can provide great value for money, especially for older students when exam preparation demands less time out of the classroom.

Keep it local

Transport is often a significant part of the overall cost of a school trip, especially if you are taking a whole class or more, so if you can choose a destination that isn't too far away, this will represent a major saving. Schools use local transport companies on a daily basis; for this reason, you may find it more cost-effective to arrange your own transport through your regular coach provider.

Accommodation

If you have a choice of accommodation types, this may provide another opportunity to reduce costs without compromising



If possible, book your trip early. You are more likely to secure your preferred dates and destination if you book well in advance. It also helps with planning cover and gives parents and students more time to save up. You may find that you are entitled to an early booking discount if you confirm your booking by a certain date. Discounts will

for your trip, check out their free-place allocation for teachers and accompanying adults. One adult for every eight students is a common free-place ratio.

"If you can be flexible regarding when you travel, you can make considerable savings"

vary, and although £5 per head may not seem much, if you have a group upwards of 35, it soon adds up.

Free places

Adult supervision is key to a successful and enjoyable residential for everyone, so when choosing a provider

Funding options

It's always worth investigating whether there are additional funds available to support a school trip. Some companies operate bursary schemes to enable disadvantaged students to participate, and some schools use their pupil premium

allocation to enable children to go on trips. If you draw a blank on the above, why not arrange some fundraising in school? There are plenty of options such as non-uniform days, quizzes, bake sales, etc.

And, don't forget to reclaim VAT too! Your local authority or school bursar should be able to guide you through this process.

Sharing costs

Work with your partner schools in order to share costs and organisational tasks. Not only will this spread the financial burden, it's also a great opportunity for children to get to know students from another school.

There are plenty of ways of making a school trip affordable

and if you can be flexible, especially regarding when you travel and where you go, you can get a lot for your money. And the rewards are such that they will repay the effort back in the classroom and beyond.



Perry Sladen is a Director at PGL, which runs adventure

programmes and curriculumlinked courses at its residential centres across the UK and in France as well as ski programmes in Europe and the USA. Find out more at www.pgl.co.uk

10 TO CONSIDER

INSPIRING IDEAS

Don't book your next school trip without first checking out these great options...



Essex Outdoors

Essex Outdoors is situated across four stunning locations in Essex, ideally located to provide an outstanding school trip experience. Whether you're looking for a residential stay or a day trip, its fully trained and dedicated staff will ensure that your students develop lifelong memories. With over 40 different activities on offer – from archery to crabbing, quad bikes to zip wires – there's certain to be something that will engage and inspire your pupils. The wide range of accommodation options, including residential blocks, pods, cabins and tents, means you will be able to plan a trip that's exactly what you're looking for.

For more information, call **0345 200 4220** or visit **www.essexoutdoors.com**

The Kings Ferry Group

Help your students live and learn outside of the classroom with help from educational travel specialist The Kings Ferry Group. Its educational travel solution provides you with everything you need to plan and provide incredible school trips for your pupils – from high quality, safe and reliable coach hire to unbeatable curriculum-linked school trips. The fully managed school coach hire experience leaves you free to do what you do best: teach, inspire and create unforgettable memories for both you and your students.

For details, call **01634 377 577** or visit **www.thekings ferry.co.uk/schools**



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Active Escape is based in stunning North
Devon and provides a variety of stimulating
and unique experiences, including coasteering, stand-up
paddleboarding, rafting, party SUPs and its very own
'Adventure Challenge'. All of the activities on offer encourage
team-building, boost self-confidence and are educational
too. You can choose to spend half a day with Active Escape or
a whole week, thanks to a campsite equipped with bell tents
for your students.

For more details, check out **www.activeescape.co.uk**, or get in touch by calling **01271 320 745** or emailing **info@activeescape.co.uk**





4 Go Wild Adventures

Bring your students out of the classroom and immerse them in the great outdoors at Go Wild Adventures. Go Wild's philosophy is that great things can happen in young people's lives when their horizons are widened, and its team will work to help you achieve this. Pupils are invited to embrace living under canvas and inspired to explore the world around them. With campfires, woodlands, fields and an on-site field study classroom on offer, Go Wild can help you put together a package to suit your specific needs.

To find out more, visit www.gowildadventures.co.uk

Established in 1967 by a maths teacher, NST is one of the UK's leading school tour operators. Its team create expertly planned, curriculum-linked tours to destinations in the UK, Europe and the wider world – from inspiring cultural and educational visits, to guided tours, hands-on workshops and conferences led by industry professionals. NST is committed to igniting a curiosity in young learners, opening their minds to a world of learning beyond the classroom and getting students work ready.

To find out more, call **0845 293 7979** or visit **nstgroup.co.uk**



Come From Away This joyous new musical shares the extraordinary real-life story of the 7,000 air passengers from all over the world who were grounded in Canada during the wake of 9/11, and the small Newfoundland community that invited these 'come from aways' into their lives on one of the most memorable days in world history. Greatly relevant for students studying PSHE, English, drama and history, Come From Away engages students in the essential, school-wide teachings of empathy and inclusivity within a community. The power of human kindness that shines through in this remarkable story carries an important message of unity and hope for students in today's turbulent times.

www.ComeFromAway.co.uk/education







The Duke of Edinburgh's Award (DofE)

All 14 to 24-year olds can take part in three levels of programmes leading to a Bronze, Silver or Gold DofE Award. Choosing from hundreds of activities – from canoeing to gymnastics, DJing to dog walking for an elderly neighbour – there'll never be a dull moment. Plus, they'll pick up memories, friendships and skills that will stay with them forever.

The DofE helps young people develop essential attributes such as confidence and resilience, giving them the edge when applying for jobs, college or university.

To find out more, go to www.DofE.org



Galina International Study Tours
Established in 1989, Galina is an independent, family-run tour operator providing curriculum-relevant

family-run tour operator providing curriculum-relevant primary and secondary school trips to destinations in the UK and Europe. Its tours can be tailored to cover your students' specific learning objectives – get in touch with a member of the team to discuss your requirements and start planning your next adventure.

To find out more, call **0800 801 560**, email **info@galina.co.uk** or visit **www.schooltours.co.uk**



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EVERY MAGICAL MINUTE

Inspire the pioneers of the future

Give your students a taste for engineering with a hands-on day at Brooklands Museum

10:00am

Arrive at the museum and get yourselves ready for your Engineering Taster Day! You'll be learning the principles of aerodynamics and mastering some key motoring skills. Get up-close to the Wellington Bomber, recovered from Loch Ness, and climb inside the cockpits of the VC-10 and Hawker Hunter. Explore the 'First to the Fastest' exhibition, where you'll find a replica of the Vickers Vimy, the first aircraft to cross the Atlantic in 1919, and the fastest, the Harrier XV741 in 1969.

11:30am

Put your newly learnt skills to the test as you and your team-mates build your own gliders ready for the big competition! Stand on the slope of the Finishing Straight where A.V. Roe first tested his Roe 1 Biplane and launch your gliders to see which team's engineering and design skills can go the furthest distance.

12:30pm

Time to refuel! Take your lunch inside the iconic Brooklands Clubhouse or picnic outside with Test Hill and the famous Brooklands Race Track as your backdrop.

1:00pm

You are now qualified aero-engineers, so it's time to turn your hand to mechanics and investigate the collection of historic motor vehicles. Learn about the records that were broken as motor racing advanced before taking your turn to speed around the Brooklands Race Track in the Formula 1 race simulator and compete for the fastest lap time!

2:30pm

It is time for the prize-giving ceremony and in true Brooklands style, there will be an award for the best engineer in aviation and the fastest race driver on the circuit.

2:45pm

There's still time before you head home to explore the world-famous historic Brooklands site. Take a ride in the 4D theatre and experience a race at Le Mans or a flight with the Red Arrows. The must-see Concorde experience takes you on an exciting journey through the development of supersonic flight and the luxuries of Concorde air travel.

SET YOUR ALARM

See inside Concorde, the world's most famous aircraft,

and relive the excitement of

supersonic flight at twice the

speed of sound!

PARTNER CONTENT

BrooklandS MUSEUM

{ BEFORE YOU GO }

ASK

Ask about our curriculum supporting workshops and talks, each key stage has a specially tailored approach to skill learning. Book a visit with our team to create your bespoke visit.

READ

We have plenty of activity ideas and discussion topics to prepare your class for their visit. Download a classroom resource sheet from our website.

TALK ABOUT

Talk about the pioneers and their achievements at Brooklands and how their experiences and careers have shaped the world of aviation and motoring as we know it today.

www.brooklandsmuseum.com

T: 01932 857 381

E: learning@brooklandsmuseum.com



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As a teacher, you want to broaden your pupils' horizons, inspire them to love learning and provide them with educational experiences they may not otherwise have access to.

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SCHOOL

AND MORE!

Contact us today to start planning your unforgettable school trip!

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6 THINGS TO DO IN

BERLIN



Whatever your subject, Halsbury Travel can tailor a trip to Germany's capital to meet your learning objectives

BEFORE YOU VISIT

There are some great German language movies and TV shows set in Berlin that your students could watch before your trip, including Downfall (Der Untergang) and Deutschland 83.

You can do this by asking your itinerary coordinator to book an evening slot at the TV Tower. The 360° views are incredible and offer the perfect opportunity for your students to study the layout of the city. Can they see where the Berlin Wall once stood dividing the city? Are they able to spot key landmarks, such as the monumental socialist avenue Karl-Marx-Allee and the Berliner Dom?

2 Check out a chocolate shop

Chocolate may not spring to mind when you first think of Berlin, but the German capital definitely has a sweet tooth! There are a couple of chocolate shops near the Gendarmenmarkt – Ritter Sport and Rausch. The chocolatiers at Rausch have made chocolate models of all the big landmarks of Berlin, which are a must-see! Visiting





around Christmas time? The market at the Gendarmenmarkt itself also offers plenty of sweet treats!

Berlin by bike

Instead of a walking tour of Berlin, why not try a bike tour? This is a fun alternative way to see the sights of the city. Being a relatively flat, bike-friendly city, this is great exercise for energetic groups, without being too tiring, and the route can be tailored to suit your students' curriculum! With helmets and safety vests provided, this is a fantastic option for a school trip.

Berlin's favourite street food is currywurst. It's definitely worth taking the time to sample this snack for yourself, to enjoy a really authentic Berlin experience. And you'll also be tasting a bit of history – currywurst was invented in 1949, when a food kiosk owner in West Berlin came up with a new sauce to replace the tomato

ketchup that was so difficult to get hold of during the post-war years.

Explore the East Side Gallery

Whatever your subject, you can't visit Berlin on a school trip without spending some time considering the history of the Berlin Wall. If you can only visit one of the remaining sections, we strongly recommend a visit to the East Side Gallery. Here you'll find the longest continuous section of the wall still in existence, now decorated with iconic artworks commenting on the political changes in the city in 1989/90.

6 Visit the Bundestag's glass dome

The Bundestag is right in the heart of Berlin, just a few steps from the Brandenburg Gate. Destroyed by the Reichstag fire in 1933, Germany's parliament building was rebuilt when the capital of unified Germany was moved back to Berlin. The glass dome not only allows you to see the many famous neighbouring monuments and sights, but also gives you a glimpse into the debating chamber of the German parliament below.

www.halsbury.com

T: 0115 9404 303

E: contact@halsbury.com

Exploring creatures GREAT AND SMALL

A trip to the zoo can unlock a far wider range of curriculum-linked learning opportunities than you might expect...

HOLLY BESTLEY

s well as giving students exciting opportunities to develop their character, team working and self-awareness skills, a trip to the zoo can also unlock a huge range of curriculum-linked learning opportunities, beyond the obvious areas of science. It's always worth checking the website of your chosen destination before you visit to see if there are any suitable workshops on offer, but beyond this, below are 10 tips for using a zoo to explore a range of different topics.

Biology
With an array of wildlife
to encounter, a zoo is the perfect
place to explore adaptations
and evolution or ecosystems
and food webs. Many will offer
resources on their websites
that students can use to
investigate these topics whilst



on site, so be sure to have a look in advance of your visit.

If not, set students challenges to undertake during the trip such as identifying interesting animal adaptations and explaining how they may have evolved, or drawing up possible food webs between a number of the different species encountered. Signage on site usually includes information on how the animals are classified, which can be used to open up discussions about the impact that developments in biology have had on classification systems.

2 Sustainability & conservation

Being out of the classroom and surrounded by nature, it's hard to avoid discussions of the impact that we're having on the world around us. The primary purpose of the modern zoo is to work towards animal conservation and create a world where wildlife thrives. As such they are the ideal place to explore endangered animals and how different organisations, such as ZSL, are striving to counter the threat of extinction.

With increasing public awareness of the impacts of environmental issues such as climate change, plastic pollution and the importance of sustainable living, many zoos now offer workshops exploring these topics. They are a great way to explore these ideas, as students will be surrounded by examples of the wildlife and nature that is suffering the consequences.

3 Animal behaviour

The wide variety of species present at zoos make them very well suited to an investigation of animal behaviour and psychology. Monkeys and apes are the perfect subjects for behaviour studies, showcasing a range of innate and learnt behaviours, including a variety of methods of communication (and they're fascinating to watch!).

Try asking the keepers at these sites about their animal training programmes. Keepers run programmes with many of their animals in order to keep them active and engaged and to maintain the highest standards of animal welfare. For example, here at ZSL we use positive reinforcement training to help veterinary staff carry out a variety of regular procedures, from health checks to vaccinations, in relaxed environments that are free from sedation. Researching these training methods and asking keeping staff about them could be a great way to illustrate the topic of learning and conditioning.

Art & design
Nature is full of shapes,
textures and colours to explore
through different mediums,
and the animals themselves are
great subjects (if they sit still!).

Beyond the flora and fauna. the enclosures themselves can also make the perfect case study for a design and technology project, as each needs to fit a very specific brief and meet a diverse set of needs: the welfare needs of the animals, the access needs of the keepers and the experiential needs of the visitors, along with the safety requirements of all three.

Students could research a species prior to their visit and critique the animal's enclosure at the site, and then create annotated sketches of their own design back at school. This could even be extended into building a 3-D model of the design using recycled or found materials to introduce ideas of sustainability.

Mathematics
Zoos offer plenty
of opportunities to put
mathematics into a real-life
context. Students can be set
realistic tasks that zoo staff need
to do, such as working out the

square footage of enclosures or the volume of animals' pools. Statistics can be introduced using real-world data they collect on site, such as filling in an ethogram for an animal's behavior. Unit conversion can be explored through the lens of zoo veterinarians, working out dosages of vaccinations to the weight of the animals, or how much food should be ordered for the month for a collection of animals

You could even set students the task of planning out their own zoo. Define a limited area on which to design their site as well as a budget, and then provide details of different species' needs as well as the prices to build different enclosures. Once they've 'built' their zoo, they could research the dietary requirements for each species and determine the quantities of food needed each month.

Business

Zoos make very interesting case studies for business studies. With their primary focus being wildlife conservation, many (such as ZSL London and Whipsnade Zoos, Chester Zoo and Edinburgh Zoo) combine being a conservation charity with being a visitor attraction. These create some multifaceted dynamics within the organisation that are interesting to explore, such as how the zoo markets itself to different audiences whilst linking back to its conservation mission.

History

Many zoos across the UK have a fascinating history and rich archives of images illustrating what life used to be like within their grounds. Here at ZSL we house the largest zoological library in the UK, full of images and documents that tell amazing historical stories which our librarians are always looking to share. For example, our librarians recently undertook a Skype session with a school for International Women's Day, discussing the life of Joan Procter, who became ZSL's

first female curator

in 1923; she was known for being 'a tamer of dragons' and designed the reptile house still present at ZSL London Zoo today.

at ZSL London Zoo, which is designed to mimic the village and national park where the species lives in India. As such, a trip to the zoo can be a great way to consolidate a geography topic.

Cross-curricular With a visit to the zoo being relevant to so many different topics, why not use it to launch a longer-term, cross-curricular programme of study?

Get in touch Finally, if you're unsure of how to tie a trip to your local zoo into your students' learning, or are looking for a customised workshop, get in touch! Most zoos in the UK will have dedicated education staff who run workshops on a range of topics and who will be able to help you make the most of your visit!

Q Geography Zoos are unique in housing fauna from habitats

and countries all across the world in one place. Increasingly enclosures are designed to reflect the countries of their origin as well as the cultures

of the people they live alongside, a prime example being Land of the Lions

"Animal enclosures can make the perfect case study for a design and

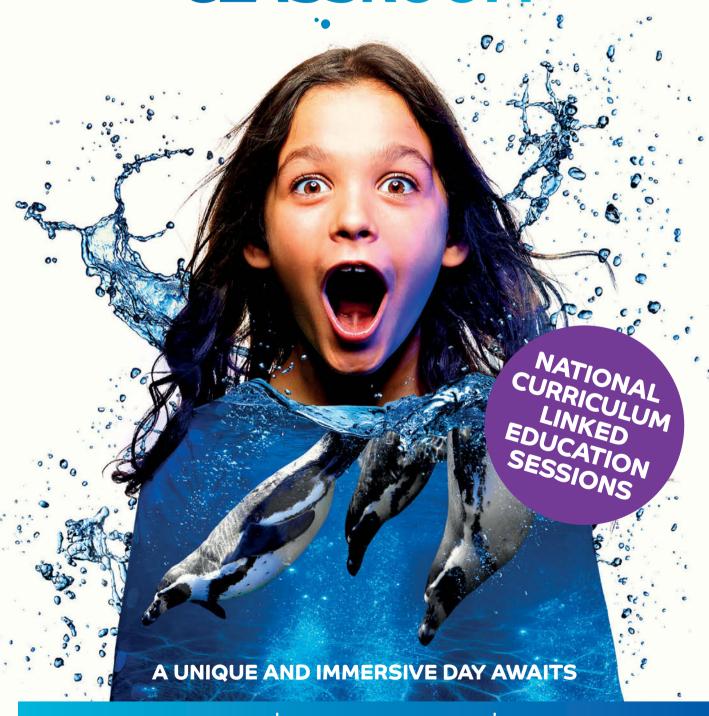
technology

project"

Holly is discovery and learning officer at Zoological Society of London (ZSL). Visit www. zsl.org/education or email learning@zsl.org for more information.



DIVE INTO **OUR AMAZING**. CLASSROOM



zsl.org/education school.bookings@zsl.org

0344 225 1826 ZSL | LET'S WORK FOR WILDLIFE

EVERY MAGICAL MINUTE



With over 3,000 animals to discover at the UK's largest zoo, **ZSL Whipsnade Zoo** is packed with learning opportunities



Once you and your students have arrived at the zoo, head straight to the ring-tailed lemurs' habitat to join them for their first meal of the day. Whilst the hungry troupe leap across your path towards their brekkie, find out from the presenters what exactly a lemur is and what makes these endangered animals so special.

11:00am

Next, explore the Europe section of the zoo and go in search of the newly born wolverine kits! Born white to help camouflage them in their snowy habitat, these cute critters will soon turn a chocolatey brown like their parents.

11:30am

Stop by the hunting dogs and giraffes on your way to the Learning Hub for a pre-booked Climate Change workshop. Discover how climate change is already impacting animals across the world by exploring the work carried out by ZSL's

very own scientists, and find out what you and your students can do to help.

12:45pm

Discover who's who in the zoo's Asian elephant herd at the Centre for Elephant Care. Watch young-un Elizabeth play around whilst hearing about what it's like to work with this amazing species and how ZSL is helping to protect them in the wild.

2:00pm

Hop on board the Jumbo Express – Whipsnade's very own steam train –



SCIENCE IN ACTION

PARTNER CONTENT

Discover how climate change is impacting animals across the world by exploring the work of ZSL's scientists – and how to help!

so you and your students can view any parts of the zoo you may have missed. Nothing compares to journeying through a rhino paddock behind a train that's more than 100 years old! Don't forget to book a spot in advance.

2:30pm

Last but not least, witness the zoo's family of sea lions show off their amazing natural abilities in the afternoon sea lion demonstration. Youngsters Hanno and Oakley haven't quite got the hang of training yet – but that doesn't stop them trying to join in!

{ BEFORE YOU GO }

ASK

Make the most of the zoo's educational opportunities by asking the supporter services team when booking about which immersive workshop would fit best with your current topic.

READ

Read the pre-visit section of the website for advice on planning your day, including what talks are on, so that you can plan your route in advance.

TALK ABOUT

Discuss with your students the different impacts that humans are having on the planet (and its animals), from the plastics crisis to climate change, and what they can do to help.

www.zsl.org/education T: 034

5 OF THE BEST

MUSEUMS

Your students can get hands-on with history as they learn at each of these engaging school trip destinations...



Brooklands Museum

Brooklands Museum is a 32-acre site steeped in history and linked with world-famous achievements. Its collections of historic cars, aircraft, motorcycles, bicycles and artefacts tell fascinating and inspirational stories. From its creation in 1907, through two World Wars and for most of the 20th century, Brooklands was a centre for breaking speed records, motor racing, advances in science and technology and where thousands of aircraft were tested and flown. Today, students can sit inside real aircraft, drive a Formula 1 simulator around Brooklands race track, design their own aircraft and step on board a real Concorde.

For more information, call **01932 857 381**, email **learning@brooklandsmuseum.com** or visit **www.brooklandsmuseum.com**

The National Holocaust Centre and Museum

The National Holocaust Centre and Museum delivers educational programmes using digital technology, survivor testimonies, hate crime specialists and artefacts to challenge prejudice. If you're a secondary school in Nottinghamshire, Derbyshire, Leicestershire or South West Yorkshire, you can attend a free national outreach programme tackling hate (places are limited and the deadline to get involved is Monday 1 July). Students will create social content with the help of M&C Saatchi, attend 'No to Hate' conferences and create a national toolkit for schools tackling hate.

To book, call Louise Stafford on **01623 836 627** or email **louise.stafford@nationalholocaustcentre.net**





? The MAD Museum

The MAD (Mechanical Art & Design) Museum displays over 60 motorised pieces of automata and kinetic art, all of which have been handcrafted by outside-the-box thinkers and inventors from across the globe. Students are encouraged to interact with and witness a diverse range of engineering and physics principles as well as clever design elements.

The museum offers hands-on learning, discounted tickets, support materials for teachers, sketching and photography sessions, KS3 activities and automata construction kits, with groups usually spending two hours experiencing everything on offer.

To find out more, call **01926 865 839**, email **bookings@themadmuseum.co.uk** or visit **www.themadmuseum.co.uk**

De Havilland Aircraft Museum

A de Havilland Aircraft Museum workshop captures the 'Golden age of flight', and takes students to the country's first aviation museum. Here the emphasis is not only on historic aircraft but also the vast contribution to engineering, design and manufacturing that the de Havilland Aircraft Company made. Situated at Salisbury Hall, London Colney, AL2 1BU, just off J22 of the M25, it offers specially tailored experiences for students through its collection of more than 20 de Havilland aircraft, some of which they can sit in!

For details, visit www.dehavillandmuseum.co.uk, call 01727 826 400 (24hr) or email learning@dehavillandmuseum.co.uk



The National Football Museum

The National Football Museum teaches much more than just a game. Its fun and inspiring programme uses unique objects and amazing stories to enthuse and engage secondary school students, employing football to bring the curriculum to life. Pupils will journey back through time and chart the game's development and place in society across the generations; score points with the museum's approach to maths; get creative with words in poetry and commentary workshops; and get hands-on with real football artefacts in science and design sessions.

For more information, visit

www.nationalfootballmuseum.com or email groups@nationalfootballmuseum.com

Get the most from YOUR DAY AWAY

It's amazing how much you can achieve in a mere seven hours out of the classroom, if you plan things right...

VIRGINIA SMITH

chool trips and learning outside of the classroom more generally is a vital part of education across the key stages. A visit beyond the school gates can really enrich students' understanding whatever the topic, and there are many options out there that are ideal for a day out. Museums, art galleries, zoos, parks, community projects... the list goes on, and all of them offer an alternative and complementary approach to learning. It's a sad fact that these days, with so much technology around the home, children are spending less time out of the house at educational settings, so day trips that support school learning can really broaden horizons by giving them a chance to visit places they might not otherwise get to see.

Make a day of it!

Day trips tend to be cheaper than residential trips, and they're certainly less stressful to organise! They nevertheless offer a great bonding opportunity for students and can have a positive impact on their social skills. When placed in a new and unfamiliar environment, most children will demonstrate that they can behave more maturely than they would in class, and they will probably enjoy the chance to be more independent.

Just as importantly, a day away from school breaks up the learning routine and sees children taught in an alternative, and engaging, way. Trips invariably generate lots of excitement in the weeks and days leading up to them, and when the big day comes they can help put any subject into context, enabling students to enjoy it more and better understand it.

Keep it real

Research has proven how real experiences can be far more powerful than merely reading about something in a textbook. Children, like adults, dislike 'death by PowerPoint' and lengthy, sleep-inducing lectures. Key skills are learned better by actual 'doing', and school trips provide real-life experiences that cannot be replicated in a classroom.

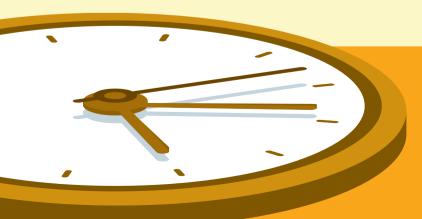
each key stage of learning: students can physically touch, test, manipulate and control outcomes, combine manual skills with technology, and have open discussions with their peers to arrive at solutions.

We run a series of

"Most museums have a plethora of resources available online that are designed to support learning in the classroom"

Humans build their knowledge using a scaffolding process, layering life experiences with classroom learning. When approaching a new subject or task, we respond best when we can try it first-hand and then apply the theoretical learning. At Brooklands we favour a holistic approach to

workshops aimed at secondary school students that link directly with the curriculum. Children can learn and practise skills relating to many different



subjects, such as documenting their visit by creating their own science film or bending, rolling and riveting metal. They can design their own aircraft, considering the different fuels and materials available. Do they use wood, metal, bamboo or silk? Different decisions will affect the outcomes. How many engines will the aircraft have? Will it be self-piloted?

Another popular option is our Chat & Learn cards. These self-guided learning resources get students to think about

the issues that the aviation industry has faced over the last century. From environmental impact and carbon footprint to social impact - how would an engineer building machines intended for war feel? These sessions prompt discussion and debate amongst students.

Planning vour trip

Day trips away from the classroom need significant research and coordination, and planning a good one

can be challenging. How do you choose a destination that will fit in with your required key learnings and keep your children engaged? Here are some tips on what to consider to make sure you get the most out of the experience...

Choose a site with a variety of learning platforms

Whilst the main criteria of vour chosen venue will be that it matches your current curriculum theme,

> a site that has multiple ways of delivering messages – e.g. through workshops, talks, technology and hands-on activities - is very advantageous.

Explore what's on your doorstep

You don't always need to travel far to find an appropriate setting for your trip. Whilst saving on

travelling time and costs, staying nearby engages students with their local history and community.

Occupation Consider special needs or requirements

When planning a visit, it's vital to assess the capability of a venue to cater for special access or learning needs. Lots of sites now have dedicated SEN teams and programmes as well as physically accessible activities.

Organise a pre-visit Book an appointment to recce the site, if possible. It is a great opportunity for you to meet with the learning team to personalise your class' visit and get acquainted with the venue. You'll also be able to risk-assess the site and the activities, whilst checking out the parking, picnic and toilet facilities.

Plan your day

Consider journeys and travelling times to determine the length of stay at your chosen destination. Will you have enough time to cover everything you want to do? Write out an itinerary that includes any workshops or tours, free time to explore and must-see or do attractions.

Use pre-visit resources

Most museums have a plethora of resources available online that are designed to support learning in the classroom, for use either prior to or after your visit. Use videos to set the scene and excite pupils ahead of their trip or use worksheets to help with follow-up lesson planning and allow them to apply new-found skills.

Prepare students

Prepare the students in advance by telling them about the itinerary for the day; the times when they will need to be focused and the opportunities for free time. Set out the expectations in regard to conduct and discuss the learning outcomes and how they will be used in the following weeks.



Virginia Smith is director of learning at **Brooklands** Museum, which tells

the stories of inventiveness, expertise, adventure and engineering innovation in British motorsport and aviation. Visit www. brooklandsmuseum.com

Let's take this OUTSIDE

From litter picking to considering the cosmos, teachers have been telling us what learning beyond the classroom looks like for their students...

"Our learners were moved to tears"

10 years ago, when I worked as head of RS at Bennett Memorial Diocesan School, colleagues and I took 42 12–14-year olds on a five-day residential trip to study the impact of war. We began at Anne Frank's house, then moved on to the Last Bridge at Arnhem and the mass graves of the soldiers. Next was Camp Vught, a work camp. The triple bunk beds, poor living conditions and finally, the memorial to the children who died in that camp, moved many of the students to tears. They handled the incredibly heavy atmosphere with maturity paying their respects in a sombre silence. Students and teacher stood side by side, for a moment united in grief for the loss of life and hardship endured on that very spot.

I think the thoughts of one Year 9 boy echoed many from this trip, as he stumbled from the coach into the arms of his mother, tears in his eyes, and declared that this was "the best trip ever". It was undoubtedly the most enriching and impactful trip for students that I ever have been involved in. The relationships built during those five long days were long-lasting; pockets of children who were party to it were often seeking out members of staff just to chat about their experiences and memories. Meanwhile their contributions to lessons following that trip were sensitive, thought provoking and insightful.

Gemma Lettington, social sciences teacher, Mascalls Academy



"The rewards are immense"

Extending education beyond the classroom can be incredibly rewarding for pupils. One example of our work in this area is our relationship with the DHL (UK) Foundation. With them, we developed the 'Look into Logistics' programme that has now been rolled out across seven of our secondary academies

in the last six years. Participating pupils undertake a five-day 'Adventure & Challenge' course at the Outward Bound Centre at Aberdovey where they work alongside 15 members of the Trust's staff and 15 mentors from DHL. By participating in various activities,

such as an overnight expedition and rock climbing, pupils are given the opportunity to develop a wide range of personal, social and emotional skills.

Beyond this, the programme also allows for pupils to visit DHL sites across the UK where they can experience a workplace first hand, attend careers fairs hosted at the academies and receive mentoring support for at least two years. These interventions offer career insights, CV advice and interview practice to help prepare our young people for the future. The programme is so popular that this year alone, we enrolled 180 Year 10 pupils onto the programme. Also, one of our pupils from Weston Favell Academy successfully obtained a degree apprenticeship with DHL after being part of the Look into Logistics programme, which only goes to highlight just how inspiring and engaging it really is.

Wayne Norrie, chief executive, Greenwood Academies Trust

"He was a different child!"

Every year we organise a sponsored walk to raise money for charity. This involves an eight-mile trek around the countryside. We have one particular student with serious SEN issues who was not able to take part in the walk this year. He finds large crowds difficult, and in new situations becomes panicked and aggressive. Instead of the usual eight miles, one of our pastoral leaders took him for a short, half a mile walk instead, accompanied by her dog.

It was incredible to see him return to school, spaniel still firmly attached to him – laughing, chatting and confident in his own skin; he was a different child. He spent most of the walk talking to the dog, but that meant the staff member could have a positive interaction with him because he was open and relaxed.

Anonymous



Our Academy and the surrounding community have been striving to come closer over the last five years, so a lot of our out-of-school learning and enrichment opportunities have focused around community needs.

For example, since June 2016 our students have supported our local Residents Association with litter picks and in road traffic safety initiatives. This not only improves our school environment, but helps to ensure the safety of our students, and build their

social skills and confidence as they interact with people from all walks of life.

In February 2017 we also opened a community 'outdoor gym' on our Academy site thanks to a successful Lottery bid and this is open to everyone. It forms part of our 'Thistley Hough Active' initiative which aims to encourage our students, their parents and our local community to incorporate more exercise into their daily life.

The impact of these schemes on our school community is incredible. Not only is our school regarded positively by the locals, but it helps us as a school to embed our key values of creating well-rounded, ambitious and compassionate members of society.

lan Brailsford, assistant principal, Thistley Hough Academy

"We brought the stars alive"

We recently hosted the outreach team from Portsmouth University's Institute of Cosmology & Gravitation, which was an extremely exciting opportunity for our Year 7 students to get thinking about the wider cosmos.

The team brought along their mobile Astrodome – an inflatable planetarium big enough to hold an entire class. Led by our science technician, the idea was to 'bring the stars alive'. We set the Astrodome up in the sports hall, and students had a fantastic interactive experience. Over the course of three days, all of our Year 7 classes went into the dome for some stargazing and an amazing 3D video about the possibility of life on other

planets. This was followed by a Q&A session from the Portsmouth University experts, and the opportunity to take a closer look at some of the planets.

Our thinking was that an interactive style of learning like this would be aspirational for the students – giving them the chance to see what is out there and bringing science to life, while also making the most of our excellent relationship with the University. We received great feedback from our Year 7s, who emphasised the sense of excitement that the sessions brought to their understanding of the subject. We would definitely take the opportunity to engage our students in events like this again – everyone had a great time and learnt a lot.

Natalie Sheppard, principal, The Portsmouth Academy



MAKE TIME FORATOUR

To take full advantage of the educational riches on offer in cities at home and abroad, why not extend your stay?



hether your school is located amidst the bustle of one of the UK's major metropolises or a more rural setting, treating your students to an extended tour of a city's cultural, historical, architectural or economic highlights has much to recommend it. From packed days spent taking in iconic landmarks to week-long deep dives that will wring as much educational value from your chosen destination as possible - in locations both at home and abroad - the options are close to endless. Where you head to will of course be governed by your aims and budget, and you must also decide whether to take advantage of one of the many providers offering packages for schools or do all the hard work yourself; but whatever approach you favour, here is a small sample of what's available at home and further afield.

LONDON

The capital needs little introduction. Its abundance of museums and art galleries are well known, as are its landmarks, but that's just scratching the surface – dig a little deeper and the intrepid school trip planner can source visits to an array of different locations covering the full gamut of the curriculum. Here are two options that illustrate the diversity on offer...

Design & Architecture

New and old are juxtaposed on London's skyline, and there are numerous opportunities to explore the city's architectural past and present. "The View from the Shard' (theviewfromtheshard.com) offers a unique and award-winning educational experience, and one that looks out on London in its entirety. A visit to St Paul's Cathedral (stpauls. co.uk) provides an opportunity to explore Sir Christopher Wren's masterpiece, and themed visit options include an opportunity for students to build their own cathedral. Be sure, too, to investigate RIBA's three-hour, curriculum-linked architecture workshops (architecture.com/ education-cpd-andcareers).

Business

London is home to businesses big and small, and a number of operators offer excursions that will treat business studies students, in particular, to valuable insights into their workings.
Stop-offs might include the
likes of the Bank of England
Museum (bankofengland.co.uk/
museum); St Paul's Cathedral
with its themed workshops;
Chelsea's Stamford Bridge
stadium, where a 'Business
of Football' tour is available
(chelseafc.com); the Museum



of Brands (museumofbrands. com); and finance hub Canary Wharf – walking tours are available, for example, this one: bit.do/TSTcw.

LIVERPOOL

The European Capital of Culture in 2008, Liverpool is packed to bursting with educational opportunities for visiting pupils of all ages, with many offered free of charge.



Art & Creativity

There can be few better places to immerse your students in the arts than Liverpool. Your many options include Tate Liverpool (tate. org.uk), which is free for school parties (though you can choose to invest in additional activities should you wish to) and FACT (the Foundation for Art and Creative Technology, fact. co.uk) - again tours are free for schools, while workshops for students of all ages are available. The Walker Art Gallery (liverpoolmuseums. org.uk/walker), meanwhile, offers free admission and free curriculum-linked workshops, as does the Lady Lever Art Gallery (liverpoolmuseums. org.uk/ladylever), which houses a sizeable collection of fine and decorative art. Don't forget the Victoria Gallery and Museum (vgm.liverpool.ac.uk) either - and we can't finish without mentioning The Beatles Story (beatlesstory.com).

EDINBURGH

Head north of the border to Scotland's capital and you'll find a number of engaging opportunities to learn outside the classroom. Edinburgh's Old and New Towns are a UNESCO World Heritage site, and historical destinations are in plentiful supply, but there is much more besides.

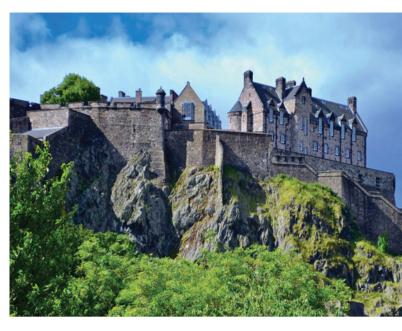
Science

It's easy to span the sciences in Edinburgh. A good starting point is the National Museum of Scotland's extensive Science & Technology Galleries (nms.ac.uk), which cover everything from genetics to CERN's LEP collider. Self-led visits are free of charge, but guided visits and workshops are also available. Dynamic Earth (dynamicearth.co.uk), meanwhile, offers an opportunity to explore the forces that formed our planet, and the wider universe - a range

of workshops are available, including on climate change. A chance to examine a mixture of historic science and 21st century technology awaits at Camera Obscura & World of Illusions (camera-obscura.co.uk), which has been welcoming visitors for the last 150 years. Last but not least, insights into the animal kingdom abound at Edinburgh Zoo (edinburghzoo. org.uk) and Deep Sea World (deepseaworld.com).

History

Walking Edinburgh's streets is a journey through history in itself, but offering focal points are Edinburgh Castle (edinburghcastle.scot), which overlooks the city and can be visited by school groups free of charge; 'The Real Mary King's Close' (realmarykingsclose. com), which takes visitors below the Royal Mile to explore 400 years of social history; and the aforementioned National Museum of Scotland. Educational walking tours linked to your curriculum can also be arranged at mercattours.com



EUROPEAN TOURS

A tour of any of the European capitals has much to recommend it, exposing students to a different culture and language, not to mention a host of sites of historic and cultural interest.

Barcelona

The second most populous city in Spain and the capital of Catalonia makes for an ideal European tour, with a diverse range of attractions and landmarks. The city is well known for the architecture of Antoni Gaudi, in particular, La Sagrada

Familia (sagradafamilia.org) his unfinished cathedral; Casa Milà (lapedrera.com) and Parc Güell (parkguell.barcelona/ en) - the Gaudi Experiencia (gaudiexperiencia.com) close by allows students to explore in more detail. Other options include Museu Picasso (museupicasso.bcn.cat/en), which hosts over 4,000 of Pablo Picasso's works and welcomes school groups from overseas. Away from art and design you may want to visit science museum CosmoCaixa (cosmocaixa.es), take a tour of the Camp Nou (fcbarcelona. com); or visit L'Aquarium Barcelona (aquariumbcn.com), home to some 450 species.



The British Museum



Gold coin of Claudius, AD 46.

A means of exchange. A symbol of power. 7.7g of gold.

Objects can tell many stories. Whether you're teaching Citizenship, Economics, Financial Education or Maths, inspire your students with object-based learning.

Find out more about the Citi Money Gallery education programme at britishmuseum.org/money





Take the stress out of SCHOOL TRIP TRAVEL

Vikki Street offers practical advice on booking safe and affordable transportation for your next adventure...

rganising a school trip can be a demanding task for busy teachers, with the thought of booking transportation alone enough to give some a nervous headache. Whatever the destination, safety will of course be the most important consideration, but getting value for money and planning a well-thought-out schedule will invariably be near the top of the list too. So how can you take as much stress out of the process as possible?

Safety first

Key to planning a safe school trip is a thorough risk assessment, which should be completed during the initial stages of organisation – it's good practice to circulate this to all teachers and supervisors who will be on the visits, so any potential issues that have been identified can be monitored throughout.

Selecting a transportation company that is well versed in assisting schools and able to manage both the coach hire and legislative compliance is helpful, as it will allow you to focus on the content of the trip itself. Be sure to ascertain whether drivers are fully DBS checked and how they can support any students with physical disabilities.

Transport should be fully compliant with current safety regulations and the route you are taking should be considered as well as the mode of transport to be used. Travel to and from the venue is an important part of the risk assessment. In recent



years, technology has meant vehicles can now be fitted with advanced security features, including CCTV and tracking devices, Alcolock and DriveCam. Vehicles should always undergo rigorous and regular safety inspections, including a 'first use check' every morning before departure. Asking your chosen transportation company what their inspection process looks like will help you select a provider who really has considered the safety and wellbeing of its passengers.

Get your money's worth

When it comes to transportation for trips, schools, naturally, are also seeking value for money. Teachers often look for reduced rates and special offers, sometimes combining venue tickets with transport to reduce overall costs – and certainly pre-packaged transport and venue deals can help schools

save a considerable amount of money.

Many companies can help schools safeguard their travel budgets and also provide set rates for each academic year. It's a good idea to try to find a transport provider that will assist you in making sure that you remain within your given budget and help you to make the most of what you have available.

Keep a lookout, too, for schemes such as our own 'School Smart Discount', which enables schools to take advantage of high quality commuter coaches that are free for use during the day – these are packed full of the latest features, including air conditioning and comfortable seats. Investigate what deals, offers and guidance providers can give you – you never know what you may find!

Handy hints

One tip for making sure your journey runs as smoothly as

possible is ensuring all details relating to timings and your destination are given to your chosen transport provider ahead of the trip. The company should provide you with a pre-journey checklist so that you know what they will require and can ensure you have everything ticked off in good time. Having access to a dedicated travel consultant will also ensure peace of mind, as they will be able to help you with every aspect of the journey and make sure this part of the day is stress- and hassle-free.

Finally, here are some ideas when planning a coach trip to make the journey more enjoyable:

- Take wet wipes they always come in useful!
- Pack an extra jumper (you can use it as a pillow when you take a nap).
- Take some snacks, especially ones that can be shared around.
- Make sure you have plenty of water.
- Get to bed early the day before so you are not tired for the big day!



Vikki Street is head of business development at The Kings Ferry Group, which has

more than 50 years' experience providing safe and reliable transport. For more information, call 01634 377 577, email sales@thekingsferry.co.uk or visit www.thekingsferry.co.uk

5 OF THE BEST

THEATRE TRIPS

There's no denying the excitement or educational value of a great live performance, so why not treat your group to a play or show?

Galloway School Tours

Did you know your local coach operator may be able to organise a complete day out including travel, and attraction tickets? East Anglian operator Galloway School Tours, for example, offers packages for groups looking to visit London's West End. Using its extensive experience and network of contacts, Galloway can provide schools travelling from East Anglia a package including travel, show tickets and a theatre workshop for just £67 per student. It's a great opportunity for students to work with professionals and enjoy top quality entertainment.

As a School Travel Forum member, Galloway provides peace of mind as well as a range of itineraries, including guided battlefield tours. For more information, call **01449 767 778**, email **schools@gallowayeuropean.co.uk** or visit **www.gallowayschools.com**



Royal Court Theatre

The Royal Court is a leading force in world theatre for finding writers and producing new plays that are original, contemporary and provocative. Its education programme encourages young people to investigate, enjoy and participate in the craft of making theatre, opening up the world of the rehearsal room as well as backstage, and offering practical learning opportunities for students. From study days, production workshops, INSET sessions and community projects, the organisation offers a fascinating insight into the professional process of staging Royal Court productions.

www.royalcourttheatre.com

Pisney'sAladdin

Breathtaking sets, mindblowing special effects, over 350 lavish costumes and a fabulous cast and orchestra bring the magic of Disney's *Aladdin* to life on the West End stage. This spectacular show, which is packed full of dancing, music and storytelling, is a fantastic stimulus for creative work and will inspire primary and secondary pupils alike.

You can enhance your visit with free online resources, including a nine-part video library, or take advantage of a range of pre-show workshops led by Disney Theatrical Teaching Artists.Prepare to escape to a whole new world!

Find out more at

www.aladdineducation.co.uk





Shakespeare's Globe

Every day hundreds of students take part in curriculum-linked workshops and lectures at, or delivered, by Shakespeare's Globe. Visit with your group and you'll also be able to benefit from an exploratory tour of the theatre.

Workshop options include interactive storytelling sessions for Key Stages 3 to 5, which include a 45-minute performance by a Globe Education practitioner. Longer study days, exploring topics such as language or contextual influences on performance, for Key Stages 4 and 5, and GCSE study days are also available. The Globe has extensive experience of working with children with SEN and EAL, too.

For details, visit www. shakespearesglobe.com/education

Told by an idiot

Told by an Idiot is an acclaimed professional theatre company and an Arts Council England NPO organisation. The company has 25 years' experience of creating exciting, innovative productions and participation projects across the UK and internationally, with venues including Manchester Royal Exchange, Theatre Royal Plymouth, Lyric Hammersmith London and National Theatre Wales. It also offers a range of exciting, highly practical drama workshops for teachers and students, led by experienced practitioners, who are all professional theatre performers and directors. Themes include Working with Mask, Devising, Commedia dell'arte and Physical Theatre, as well as CPD sessions for teachers. Get in touch to find out more!

natashabergg@toldbyanidiot.org, 020 7407 4123, www.toldbyanidiot.org/taught/schools

OPPORTUNITIES FOR EVERYBODY

Learning beyond the classroom has huge benefits for all students, but it can be especially valuable for those with special or additional needs...

JUSTINE LEE

rom children with autism practising communication skills on a residential, to pupils with profound and multiple learning difficulties being exposed to new sensory experiences in their own school garden, children with SEND benefit enormously from frequent learning outside the classroom. Taking learning beyond your school's walls is especially valuable to pupils who are hard to reach or who do not respond well to traditional teaching methods, for whatever reason. Children with special or additional needs often learn best through

doing, and the opportunity to get out into the school grounds or local community, or even further afield, can provide pupils with real-life experiences that can help them lead a more independent life in adulthood.

Motivating learners

Learning outside the classroom (LOtC) is known to motivate young people, raise attainment and reduce poor behaviour and truancy. For a child with physical disabilities, the opportunity to participate in adventurous activities such as canoeing or horse-riding can bring a powerful sense of freedom and

have a dramatic impact on their self-confidence. Likewise, the sensory opportunities offered by learning in the natural environment, in the school grounds or local woodland, can help pupils with profound learning difficulties expand their horizons and become more aware of the world around them. Bringing students with autism into contact with different people and environments gives them the chance to practice their social skills and adapt to new situations.

Making these experiences a regular part of the school day needn't involve a dramatic transformation of your teaching approach, nor should it be cost-prohibitive. It's probable that only small changes are

Trips further afield

There's lots you can do that's close to home, but there are many reasons to consider going further afield. Many museums, zoos, galleries and activity centres offer experiences that can be tailored for students with SEND, and the benefits of a residential experience are just as relevant to young people with additional needs as they are for any other young person.

Trips away from school enable pupils with SEND to develop in a number of ways, from increasing their communication and social skills, to taking additional responsibility and developing essential life skills, confidence and independence. Increasingly, teachers are seeing that getting children out and about has huge social, emotional and educational benefits, and teachers are also reaping the

rewards themselves. The relationships between teachers and young people improve through shared experiences, and many teachers have found new ways to relate to their pupils as a result. Overnight trips might present a unique set of challenges, but these shouldn't be seen as barriers to involving students with special educational needs. When planning a residential trip, in particular, it is crucial to help pupils understand and prepare for



parents understand the value of a residential experience for their child, too.

Case study: St Christopher School Academy Trust

The St Christopher School Academy Trust (TSCS) is a specialist school for communication and interaction. The school works with learners aged 3-19, the majority of whom have a diagnosis of Autism Spectrum Disorder or ADHD. Outdoor learning has long been an integral part of the curriculum at the school, which is currently working towards the LOtC Mark Gold award.

Using residentials

The school has purchased two static caravans at a nearby

such as making and selling jams and chutneys. The garden has also had a brick BBQ added, so every class can be involved in preparing and cooking food at their own summer BBQ.

Local educational visits

Teachers have been trained on how to plan appropriate educational visits within their curriculum planning. The school now owns a large number of cars and minibuses which are used daily to provide LOtC within the community. Visits take place to local parks, woods, farms, shops, beaches, libraries, museums, castles and other local places of interest. These experiences have helped pupils develop their social skills, behaviour and independence. Pupils

"For a child with physical disabilities, the opportunity to participate in adventurous activities can bring a powerful sense of freedom"

resort. Learners have benefitted also regularly swim at the from day visits and residential stays, and have been able to undertake activities such as crabbing and visiting local areas of interest. Students have developed life skills such as packing a bag, making their bed, cleaning, and developing social skills in new contexts. While teachers do a lot of work with the learners within school around life skills and independence, the opportunity to develop and embed these skills in a real-world context is unparalleled.

Developing the grounds

Pupils were involved in redesigning the school garden area and students from the secondary school helped to build raised beds and planted vegetables. The garden is now well established and provides seasonal vegetables for use in cookery and life skills lessons, as well as enterprise projects

local leisure centre, again providing the opportunity for them to develop socially and behaviourally, as well as working on their swimming skills.

Key Stage 4 pupils enjoy weekly farm-based 'Action Learning' sessions, where they are able to develop skills with animal care, craft and woodwork, motor mechanics, construction and brickwork, and horticulture. The sessions provide practical learning experiences and enable students to work towards nationally recognised qualifications whilst developing self-esteem and confidence.

Outdoor learning days

Annual 'outdoor learning days' featuring outdoor assemblies, den building, local trips, inter-house competitions, learning walks and additional curriculum-based activities

have proved an excellent way to involve pupils in developing and generalising curriculum skills in new contexts.

"Many pupils with autism have difficulties applying and generalising their skills," one teacher at TSCS explains. "We have found that embedding LOtC in our curriculum has enabled pupils to practise and develop their skills in new contexts and consolidate their learning. We aim for our learners to be as independent as possible, and develop lifelong skills they can use to become valued members of the community. Developing skills through learning outside the classroom has become a key part of the curriculum we provide to our learners."



Justine Lee is communications and fundraising manager at the Council for Learning Outside the Classroom, For information, inspiration, resources and training around LOtC, visit www.lotc.org

SEND

START SIMPLE

Wherever you're based, your school's grounds and local area will offer a wealth of opportunities for children with SEND to enjoy LOtC...

Use your grounds:

- Taking learning out into the school grounds can inspire all pupils during lessons. Why not take students outside to create art with chalk on the playground or with items that they can collect from around the grounds?
- Growing, cooking and eating fruit and vegetables produced in a school garden is a sensory-rich activity that can help students learn about healthy eating and how to look after themselves.

Use the local community:

- A regular visit to a local shop to buy things with real money can give children with additional needs the chance to practise valuable life skills and help them become more independent.
- A simple visit to a farm can help children with profound learning difficulties develop ways to cope with new experiences.

"Immersive learning boosts soft skills"

Escaping the classroom can do much to build independence, develop empathy and teach great communication...

JOANNE CHANNON

hat do you enjoy about your job? For me there is nothing more rewarding than watching students step into an immersive learning environment and seeing them take inspiration from the experience, whether it be writing a script and having the confidence to perform it, walking away feeling empowered to make a difference environmentally, or simply embracing the fun with their peers. More importantly, though, moments such as these play a vital role in helping children develop into adults.

Becoming an adult

Elias et al (1997, bit.do/ TSTselias) identified that schools play an essential role in preparing children to become knowledgeable, responsible and caring adults, and each competency is best addressed with careful attention to a student's social and emotional learning (SEL). I am sure you are already very familiar with SEL and potentially this modelling from The Collaborative for Academic. Social and Emotional Learning (casel.org), which outlines five core features of a socially and emotionally competent young person and, indeed, adult:

- They are self-aware.
- They are able to regulate their emotions through *self-management*.
- They are *socially aware* and have empathy for others.
- They have good *relationship skills* and understand how to handle conflict and challenges.

 They demonstrate responsible decision-making, problem solving in particular. There are various layers to the environments in which a young person can develop these skills. The first is within the classroom, then through school practices and policies as a whole, and finally in the wider community and at home. But it is also worth considering the role educational visits can play in developing

these skills.

They of course offer that all important 'engagement in learning'. A school trip is an opportunity to introduce 'wow' moments - in the words of Kim Somerville, chief executive for the Council for Learning Outside the Classroom, "For many people, school trips are among their fondest and most vivid childhood memories. New and novel experiences and having fun away from school are a big part of the magic that makes learning outside the classroom experiences so powerful."

This is certainly true in my experience - when I think back to my education I vividly recall a Year 5 trip to Kingston Lacy. We were studying the Victorians and as part of the visit we were encouraged to fully immerse ourselves by dressing up for the day. There were many maids and chimney sweeps, but a friend and I decided to go all out with Victorian fashion. It's safe to say hoop skirts were definitely not designed with coach trips in mind! But I digress...



"A school trip is an opportunity for students to develop self-confidence and responsibility and potentially recognise new strengths"



Drawing on the words of Kim Somerville, think about the following in the context of SEL:

Experience & environment

We are all familiar with the significance of differing learning styles; some pupils just don't take to learning in the classroom in the same way that others do – active learners, for example, will always learn best by doing. I am sure you can also agree that a learning environment can change the way a child interacts with a topic or idea – by offering new environments to learn in, you can boost a young person's confidence in their ability to understand a particular topic

or idea. Take a visit to
a theme park as an
example: students
can learn about
Newton's laws
in a real-life
context by
looking at how his
theories play
a role in the design
and development of a
roller coaster.

Alternatively, consider
the benefits of taking pupils
to a theatrical experience
– this may be the perfect
environment to encourage
pupils to foster assertiveness
and empathy for others by
appreciating the characters they
encounter. You can set them the
task of getting into the minds
of these characters: what does
their tone of voice suggest
about how they are feeling?
What is their body language

2 Independence & personal development

and expression signifying?

A school trip is also an opportunity for young people to develop self-confidence and responsibility and potentially recognise new strengths. Take an immersive experience like

The Dungeons, for example: the environment is dark and unpredictable! Students' senses of sight and sound are engaged throughout the immersive journey. When I observe tours it is always fascinating to see a group's confidence grow from initial nervousness to enjoyment of the unexpected. Rapport is built from room to room as sinister characters from the past build in comedy to accompany the screams. Back in the classroom, such an experience can kick-start a group discussion on how the experience made students feel, with classmates sharing their reactions with one another and learning to have empathy for how their peers felt.

Improved relationships

Time away from the classroom and opportunities to discover new experiences together will help develop relationships not only between pupils but also between teacher and students. Thinking back to the words of Kim Somerville, a school trip can inspire some amazing memories and moments of bonding that will travel back with you to the classroom, no doubt affording students greater confidence when communicating with each other and you.

Happiness & wellbeing

A final point to consider, but possibly the most important, is the benefit a school trip can bring to students' general wellbeing. For children of all ages, these experiences represent opportunities to make new friends, create memories, embrace learning from a new perspective and just generally to enjoy a moment of unforgettable fun amidst the pressures of school life. I think we can all agree that this is priceless.



Joanne Channon is education manager at Merlin Entertainments. Visit www.merlinsmagicallondon.com/schools

7 SCHOOL TRIPS

you might not have considered

Searching for something a little left field? Look no further than these unusual options...



Challenge the way your students think about our cities and equip them to make a personal contribution to sustainable urban living at this unique interactive exhibition.

www.thecrystal.org

COMPUTER CRAZY

The National Museum of Computing, based at Bletchley Park, takes its visitors on a journey from the birth of modern computing during WW2 to the modern day.

www.tnmoc.org/learn





TAKE TO THE SNOW

This award-winning venue's real snow slopes give children the chance to learn a new skill while developing their confidence, and explore how a real business operates.

www.snozoneuk.com



CHILDHOOD THROUGH THE AGES

At the Museum of Childhood your group can enjoy a range of learning experiences, including exploring the importance of play and preparing and delivering real 'tour guide' presentations.

www.vam.ac.uk/moc



5 THE GREAT ESCAPE

With a selection of puzzles to solve and clues to discover, plus an engaging theme that adds spice to the mix, these escape games are a great way to boost teamwork and critical thinking.

www.escape-london.co.uk

GO PAINTBALLING

Get your students to hone their teamwork skills – and work on their aim – with a paintballing trip.
At Go Paintball teachers receive an upgrade to their armament free of charge!

www.gopaintball.co.uk



THE CRYSTAL MAZE

New for 2019, the Crystal Maze Live Experience is welcoming in school parties – get your group practising their mental, physical, skill and mystery games.

the-crystal-maze.com/ schooltrips



'I GOT GOOSE BUMPS' 'IT'S STUNNING' Year 8 student 'Amanda Doherty, Assistant Head Teacher'

