



THE BRITISH BLUEPRINT

TechFusion: Physics, Math & Engineering Series

A dynamic series of STEM programs connecting physics, mathematics, engineering, robotics, aerospace, and emerging technologies through applied learning, innovation, and real-world problem-solving.

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TechFusion: Physics, Math & Engineering Series

London, Warwickshire, Edinburgh & Central Scotland - United Kingdom

Day	Meals	Morning	Afternoon		Evening		
1	Fri		Travel overnight to London, United Kingdom				
2	Sat	D	Arrive London and transfer to Hotel, store bags and refresh	The Tower of London Historical Tour	Tower Bridge Engineering Walk	The London Eye	Welcome Dinner
3	Sun	B, D	The British Museum & Scavenger Hunt	Hop On/Off London Sightseeing Tour			Thames Dinner Cruise
4	Mon	B, D	London Science Museum: IMAX Film & Gallery Exploration	Royal Institution Applied Science Lab Experience		Dinner	Covent Garden or West End Theatre
5	Tues	B, D	Motorcoach to Warwickshire	Warwick Castle Medieval Experience: Great Hall, Battlements, Ramparts, Towers & More		Check-in & Dinner at Knight's Village	Castle Quest Challenge
6	Wed	B, D	Thinkers in Education STEM Challenge Day: Physics, Math, Engineering, Scientific Investigation & Critical-thinking Challenges			Dinner & Medieval Trivia & Team Challenge Night	
7	Thur	B, D	Bletchley Park Codebreaking Experience	Math & Cryptography Master Class		Motorcoach to Edinburgh; Dinner Stop in York; Hotel Check-in	
8	Fri	B, D	Dynamic Earth: Musuem & Planetarium Experience + 2 Master Classes (choose from Energy for the Future, Explosive Earth or Holyrood Park Field Skills)		University of Edinburgh Campus Tour	Edinburgh Royal Mile Historical Tour	Local Dinner
9	Sat	B, D	Falkirk Wheel Boat Lift Engineering Experience & Interpretation Session	RRS Discovery Tour: British National Antarctic Expedition Research Ship	V&A Dundee Design Workshop	Farewell Dinner & Reflections	
10	Sun	B	Depart Edinburgh for Home				



As with all sample itineraries, please be aware that this is an “example” of a schedule and that the activities included may be variable dependent upon dates, weather, special requests and other factors. Itineraries will be confirmed prior to travel.



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A Message From Our Team

At STEM Study Tours, we believe students learn best when they're immersed, engaged, and inspired. Every program is built with intention - blending hands-on discovery, academic depth, and meaningful experiences that help students see the world (and themselves) in new ways. Our goal is for each itinerary to spark curiosity, build confidence, and create moments students carry long after the trip ends. We're honored to partner with schools who share that vision and to help bring learning to life beyond the classroom.

— Michele & The Hammock Expeditions Team

Why Travel With Hammock Expeditions & STEM Study Tours

Schools choose us because we design programs that are organized, intentional, and built around real learning. Our itineraries combine strong academics with smooth logistics, giving teachers confidence and giving students opportunities to explore, ask questions, and grow. We partner with trusted local experts, communicate clearly, and support groups every step of the way so educators can focus on their students - not the logistics.

What Sets Us Apart

- **Purpose-Driven Itineraries** - Students actively participate in meaningful, real-world learning.
- **Safety, Structure & Professionalism** - From 24-hour support to vetted partners and clear communication, we ensure teachers can focus on their students while we handle the logistics.
- **Hands-On, High-Impact Learning** - Our programs emphasize field science, conservation, and experiential learning - the kind that sticks with students long after the trip ends.
- **Student-Centered Design** - We balance learning with fun, reflection with adventure, and structure with flexibility. Every day is crafted to keep students engaged, energized, and supported.
- **A Team That Travels With Purpose** - We're educators, planners, naturalists, and travel professionals who care deeply about student growth. Your goals become our goals.

Our Commitment to You

When you travel with us, you gain a partner who understands your vision, anticipates your needs, and delivers an experience your students will remember for years to come. We're here to support your school, empower your students, and make every moment meaningful.

We want to be your educational partner. Let us know how we may serve you.

Michele, Christina, Izzy, Dana, Taylor, and the Team



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Day 1: Wheels Up to Britain!

Meals in flight

Day 2: Touchdown in London!

Breakfast in flight, lunch on own, dinner included



TechFusion: The British Blueprint London, Warwickshire, Edinburgh & Central Scotland

Where Engineering Meets Imagination: Across Britain, invention, design, and scientific curiosity have shaped the modern world and this journey becomes a living laboratory for exploring that legacy. Students trace the evolution of innovation through iconic engineering feats, groundbreaking scientific discoveries, and hands-on encounters with the principles that power modern life. Interactive experiences reveal how mathematicians, physicists, and engineers have used creativity, materials science, and problem-solving to build systems that endure across centuries. From structural design and applied science to geology, energy, and mechanical engineering, each experience opens a window into how human ingenuity has shaped progress and continues to influence the future.

A Journey Powered by Curiosity and Creation: This program invites students into the spaces where ideas turn into breakthroughs. They meet experts who model natural systems, decode historical technologies, and explore the physics and mathematics behind both ancient and modern innovations. Through hands-on challenges, interactive simulations, and guided STEM explorations, students connect core principles to real-world applications across time. Alongside these academic encounters, they wander historic streets, explore iconic landmarks, and experience the cultural energy of Britain's most influential regions. By the end of the journey, they gain more than technical insight, they gain the confidence and inspiration to design, build, question, and think with purpose.



Did you know?

- › **The London Underground** was the world's first underground railway and early engineers had to design ventilation systems before electric trains even existed.
- › **The Royal Institution** is where Michael Faraday discovered electromagnetic induction, the principle behind every electric motor used today.



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- › **Greenwich** is the point from which global time is measured - every time zone on Earth is calculated from the Prime Meridian that runs through the Royal Observatory.
- › **Warwick Castle** was engineered with angled walls and curved towers to deflect projectiles long before modern ballistics existed.
- › **Bletchley Park's codebreakers** shortened World War II by an estimated two years through mathematical pattern-spotting and early computer science.
- › **The University of Edinburgh** helped pioneer the first programmable robot in the UK, laying groundwork for modern AI research.
- › **The Falkirk Wheel** is the only rotating boat lift of its kind in the world and it uses less energy than boiling a kettle.
- › **RRS Discovery** was built with three layers of wood for strength and insulation, allowing it to survive Antarctic temperatures without steel plating.

After your overnight flight to Britain, your group arrives and meets our local team before transferring to the hotel for check-in and a chance to refresh. Once settled, students gather for our Welcome, Safety & Orientation Meeting – an organized start that outlines expectations, daily logistics, and how we stay coordinated throughout the week. With everyone prepared and ready, the group begins its first afternoon of exploration through a series of engaging activities designed to introduce the city, spark curiosity, and set the tone for the journey ahead.

Today's activities include:



The Tower of London - The group begins at one of Britain's most iconic historic fortresses – The Tower. Students step inside a site that has served as a royal palace, a prison, an armory, and a treasury, discovering how its architecture and engineering evolved over nearly a thousand years. As they move through the grounds, they encounter stories of monarchs, military strategy, and the famous Crown Jewels, gaining a vivid sense of how the Tower shaped the nation's history. Whether through a guided experience or independent exploration, this visit offers a powerful introduction to Britain's past and sets the tone for the days ahead.



Tower Bridge Engineering Walk - Tower Bridge offers a focused look at the engineering behind one of Britain's most recognizable structures. Students explore the high-level walkways and the historic Engine Rooms, where original steam-powered hydraulic machinery sits alongside the modern systems that operate the bridge today. Exhibits explain how the bascules lift, how hydraulic pressure is generated, and how Victorian engineers designed a movable bridge for a busy tidal river. The visit highlights structural forces, mechanical design, and the evolution of engineering technology, giving a clear understanding of how the bridge works.



The London Eye – The London Eye gives students a panoramic view of the city while introducing key principles of design and engineering. Inside the glass capsules, they observe how the wheel's rotation, weight distribution, and structural support systems work together to keep the experience smooth and stable. From the top, students see London's architectural patterns and river layout, gaining a clear sense of how the city is organized and built. The visit blends engineering and visual discovery, offering a focused look at one of London's most recognizable modern structures.



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Day 3 - London Explorer Day

Breakfast & dinner included; lunch on own

Today's activities include:



The British Museum & Scavenger Hunt – The museum offers an extraordinary introduction to global history, culture, and ancient innovation. As students explore the galleries, they encounter artifacts that highlight early engineering, mathematics, writing systems, and scientific development across civilizations. To deepen engagement, guests participate in a curated scavenger hunt designed around current exhibits, guiding to key objects and encouraging observation, teamwork, and critical thinking. The experience blends discovery with structured inquiry, helping students connect ancient achievements to the STEM principles they study today.



Hop On/Off Sightseeing Tour - The Sightseeing bus gives students a broad, engaging overview of the city's most iconic landmarks. From the open-top bus, they take in major sites such as Big Ben, Westminster Abbey, Trafalgar Square, and Buckingham Palace while learning how London's neighborhoods, architecture, and river systems connect across the city. The flexible route allows students to experience London's scale and history in a clear, accessible way, offering a strong visual foundation for the days ahead.



Thames Dinner Cruise - The Thames Dinner Cruise offers a relaxed and scenic introduction to London as students sail past the city's illuminated landmarks. From the river, they see the skyline from a new perspective while enjoying a calm evening meal and time to unwind after a full day of exploration. The cruise blends gentle sightseeing with shared conversation, creating a welcoming atmosphere and a memorable start to the journey.

Day 4 - The London Science Circuit

Breakfast & dinner included; lunch on own

Today's activities include:



London Science Museum: Gallery Exploration & IMAX - The London Science Museum gives students a clear look at core principles in physics and engineering. As they explore the galleries, they encounter exhibits on forces, motion, materials, and energy systems, seeing how these concepts apply to real-world design. Interactive displays highlight robotics and structural engineering, and the visit concludes with an educational IMAX film that reinforces key STEM ideas through immersive visual storytelling.



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Royal Institution & Applied Science Lab – One of Britain’s most influential scientific institutions and home to discoveries that shaped modern physics and engineering. Step into the historic building where Michael Faraday demonstrated electromagnetic induction, where early research in materials science and energy systems took place, and where scientific communication was transformed through the famous Christmas Lectures. While exploring, gain insight into how foundational principles in electricity, magnetism, chemistry, and mathematical modeling were developed and shared with the world.

*In the **Royal Institution’s Young Scientist Centre**, students participate in a hands-on applied science workshop designed to connect core STEM concepts to real-world investigation. Working in small groups, they conduct experiments that highlight chemical reactions, biological systems, forensic analysis, or genetics - depending on the lab selected for their visit. Each session emphasizes measurement, data collection, variables, and evidence-based reasoning, giving students practical experience with the scientific method. The workshop blends inquiry, teamwork, and problem-solving, offering one of the strongest academic components of the London program.*



Covent Garden - Covent Garden offers a lively and easy evening experience for students, with street performers, shops, and open plazas that are simple to navigate as a group. After a full day of STEM activities, this area provides a relaxed, fun atmosphere where students can explore safely, enjoy snacks, and take photos in one of London’s most iconic neighborhoods. Its central location and quick Tube access make it an ideal way to end the day, giving the group a cheerful, memorable final taste of London’s energy before heading back to the hotel.

West End Theatre Option - Alternatively, guests may choose to attend a West End production, adding a classic London experience to their final evening in the city. With world-class theaters just a short Tube ride away, groups can enjoy popular shows such as *Wicked*, *The Lion King*, or *Back to the Future*, each offering high-energy performances and unforgettable staging. Tickets can be arranged in advance, allowing guests to swap this activity for a memorable night at one of London’s iconic theaters before departing the next day.

Day 5 - Castles, Challenges, and Knight’s Village

Breakfast & dinner included; lunch on own

Today’s activities include:



Warwick Castle Medieval Experience - Students explore the Great Hall, battlements, ramparts, and towers, gaining a vivid look at medieval engineering, defense design, and castle life. Immersive guides bring the history to life with stories of knights, sieges, and castle traditions, while the dungeons offer a dramatic walk-through of medieval justice and folklore. Outdoor demonstrations, including the popular hawk and falconry displays, add an exciting hands-on element to the visit, making Warwick Castle one of England’s most engaging and memorable historical sites.

Castle Quest Challenge - This lively, team-based evening game brings students together inside the Knight’s Village for a fun, medieval-themed competition. Working in small groups, students complete a series of creative challenges, riddles, and mini-tasks inspired by castle life, knight training, and historical problem-solving. The activity is high-energy,



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and perfect for the lodge setting, giving students a playful way to unwind after a full day while still staying immersed in the Warwick Castle experience.

Day 6 - STEM and Strategy

Breakfast & dinner included; lunch on own

Today's activities include:



Thinkers in Education STEM Challenge Day - This full-day program delivers one of the strongest academic experiences of the itinerary, engaging students in hands-on physics, math, engineering, and problem-solving through fast-paced team challenges and guided investigations. Expert facilitators lead each activity, helping students apply STEM concepts in creative, competitive ways, while encouraging collaboration and confident decision-making.

Beyond the core challenges, students dive into real-world scientific thinking as they test hypotheses, analyze data, refine designs, and collaborate under time pressure. The day builds confidence, teamwork, and critical-thinking skills, culminating in an exciting finale where teams present their solutions and compete for awards. It's an immersive, high-energy STEM experience that blends discovery, creativity, and friendly competition - consistently rated as one of the most impactful days of the entire program.



Medieval Trivia & Team Challenge - This relaxed, sit-down evening activity brings students together for a fun mix of castle-themed trivia, creative mini-challenges, and friendly team competition inside the Knight's Village. Groups work through rounds of medieval history questions, coat-of-arms sketches, riddles, and quick-fire tasks inspired by life at Warwick Castle. It's an easy, flexible, and engaging way to unwind after a full day, offering plenty of laughs and a light medieval twist that keeps the castle atmosphere going into the evening.

Day 7 - Secrets, Ciphers, and the Road to Scotland

Breakfast & dinner included; lunch on own

Today's activities include:



Bletchley Park Codebreaking Experience - Students explore the historic home of WWII cryptography, walking through the original huts, codebreaking rooms, and interactive exhibits that reveal how Alan Turing and his team cracked the Enigma and laid the foundations of modern computing. The visit blends history, mathematics, and technology, giving students a vivid look at the people, machines, and breakthroughs that changed the course of the war. A guided walk through the site also highlights the innovative methods and collaborative efforts that powered Britain's wartime codebreaking success.



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Bletchley Math & Cryptography Master Class – The Math & Cryptography Master Class builds on the visit with a hands-on workshop led by Bletchley Park educators, where students explore cipher systems, pattern recognition, logical reasoning, and real codebreaking techniques. Working in teams, they test mathematical strategies, decode messages, and apply STEM concepts under time pressure. The session reinforces analytical thinking and introduces students to the mathematical foundations that shaped modern cryptography.

Day 8 - Edinburgh Immersion

Breakfast & dinner included; lunch on own

Today's activities include:



Dynamic Earth - Students begin their visit at Dynamic Earth with an immersive journey through Earth's past, present, and future, exploring interactive galleries that highlight geology, climate science, ecosystems, and global change. The experience blends storytelling with hands-on learning, giving students a clear understanding of the forces that shape our planet. A guided introduction sets the stage for the day's workshops and field activities, connecting Earth science concepts to real-world environmental challenges.



Dynamic Earth Planetarium Show - The planetarium experience takes students on a visual journey through space, exploring planetary systems, Earth's position in the solar system, and the tools scientists use to study the universe. High-resolution projections and guided narration bring astronomy concepts to life, connecting celestial phenomena to Earth science. The session deepens students' understanding of observation, data visualization, and the broader context of our planet in space.

Schools select two of the following three workshops for participation:

Energy for the Future Workshop - This workshop introduces students to renewable energy systems, sustainable technologies, and the engineering principles behind modern power generation. Through interactive demonstrations and problem-solving tasks, students examine how energy is produced, stored, and distributed, gaining insight into the role of physics and engineering in shaping future sustainability.

Explosive Earth Workshop - Students investigate the dynamic processes that drive earthquakes, volcanoes, and tectonic activity, using models and hands-on experiments to explore the forces beneath Earth's surface. The workshop blends geophysics with practical observation, helping students understand how pressure, heat, and movement shape the planet.

Holyrood Park Field Skills - Students apply scientific techniques outdoors as they explore Holyrood Park's unique geological landscape, studying rock formations, microclimates, and environmental features shaped by ancient volcanic activity. Field measurements and guided observations introduce practical skills used by Earth scientists in real research settings.



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University of Edinburgh Campus Tour - Students explore the University of Edinburgh's historic and modern campuses, visiting key academic areas and learning about the university's role as one of the UK's leading centers for engineering, science, and innovation. Guided by student ambassadors, the tour highlights research spaces, campus life, and the pathways available for future STEM study. The experience offers a clear look at how a world-class university supports scientific discovery and academic growth.



Edinburgh Royal Mile Historical Tour - Students walk the iconic Royal Mile with a guide who brings Edinburgh's history to life through stories of monarchs, scholars, and the city's role in shaping Scotland's political and cultural identity. The tour highlights key landmarks, architectural traditions, and centuries-old streets that connect Edinburgh Castle to the Palace of Holyroodhouse. It offers a vivid look at how the city's past influences its modern character and provides context for the surrounding historic sites.

Day 9 - Engineering Scotland's Story

Breakfast & dinner included; lunch on own

Today's activities include:



Falkirk Wheel Boat Lift Engineering Experience - Students board a boat and travel on the world's only rotating boat lift, observing how the Falkirk Wheel uses counterbalance engineering, torque, and precise mechanical design to raise vessels between the Forth & Clyde and Union Canals. The guided journey highlights the structure's efficiency and innovative use of energy, giving students a clear look at how physics and engineering principles are applied at scale. The experience offers a vivid demonstration of rotational motion and modern infrastructure design.

Engineering Interpretation Session - A specialist educator leads students through the engineering concepts behind the Falkirk Wheel, explaining how Archimedes' principle, balanced gondolas, and an intricate gear system allow the structure to operate with remarkable efficiency. Students examine the mechanics up close, explore the mathematics behind the lift's movement, and learn how engineers solved the design challenges of connecting two canals at different elevations. The session deepens understanding of applied physics and real-world problem-solving.



RRS Discovery Tour: British National Antarctic Expedition Research Ship - Students explore RRS Discovery, the 1901 research vessel built for Captain Scott's British National Antarctic Expedition, gaining insight into the engineering, navigation, and scientific challenges of early polar exploration. A guided tour takes you through the ship's working and living spaces, highlighting the materials, design features, and innovations that enabled the crew to survive extreme Antarctic conditions. The experience connects historical exploration to modern STEM fields and deepens understanding of how engineering and science supported one of history's most significant research voyages.



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V&A Dundee Design Workshop - Students take part in a hands-on design workshop at V&A Dundee, the Victoria & Albert Museum's Scottish center for design, where they are introduced to the principles of creative problem-solving, prototyping, and user-centered innovation. Guided by design educators, they work through a real-world challenge using materials, models, and iterative testing to develop and refine their ideas, gaining insight into how designers combine creativity with practical engineering thinking to shape modern products, spaces, and solutions.

Reflections Evening - On our final night, the group comes together for a relaxed Reflections Evening - a chance to celebrate the journey and share the moments that shaped it. Students highlight discoveries, friendships, and experiences that surprised or inspired them, while teachers guide light prompts that spark conversation and connection. It's a warm, communal close to the adventure, giving everyone space to appreciate what they've learned and the memories they've created before the next day's journey home.

Day 10 - Bags packed, hearts full, U.K. in the rearview

Breakfast, dependent upon departure time

After breakfast, we'll check out and enjoy a final look at this remarkable country before beginning our journey home. As we travel to the airport, the group reflects on the full arc of their UK adventure - from the engineering and cultural discoveries in England to the scientific exploration and striking landscapes of Scotland - carrying home the moments and connections that will inspire them long after the trip ends.

Cheers UK!



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Weather in the United Kingdom

Spring (March–May): Sunshine & Showers

- › Temperature: 45–60°F (7–16°C)
- › Vibe: Fresh, changeable, and full of bright spells mixed with quick showers.
- › Highlights: Ideal for exploring cities, museums, and historic sites as flowers bloom and days grow longer. Expect a mix of sunshine, breezy weather, and occasional rain - classic UK spring.
- › Packing Tips: Light layers, waterproof jacket, comfortable shoes, and an umbrella for passing showers.

Summer (June–August): Long Days & Light Nights

- › Temperature: 60–75°F (16–24°C), warmer in the south and cooler in Scotland.
- › Vibe: Bright, lively, and often pleasantly warm, with very long daylight hours — especially in Scotland.
- › Highlights: Great for outdoor exploration, canal engineering sites, coastal walks, and evening activities. Warm spells are common, though rain showers or thunderstorms can pop up during humid periods.
- › Packing Tips: Sunglasses, breathable layers, refillable water bottle, and a light rain jacket for changeable weather.

Fall (September–November): Crisp Air & Colorful Landscapes

- › Temperature: 50–60°F (10–16°C), cooler later in the season.
- › Vibe: Crisp, golden, and atmospheric, with shorter days and more frequent breezy or rainy spells.
- › Highlights: Perfect for scenic walks, city exploration, and museum days. Autumn light makes historic architecture and landscapes especially beautiful, though stormier weather becomes more common.
- › Packing Tips: Layers, waterproof coat, and sturdy shoes for wet pavements and breezy days.

Winter (December–February): Cozy Museums & Cool Adventures

- › Temperature: 35–45°F (2–7°C), colder in Scotland and northern England.
- › Vibe: Cool, calm, and often atmospheric, with short days, festive lights, and a mix of rain, frost, and occasional snow.
- › Highlights: Ideal for indoor STEM experiences, engineering sites, and cultural visits. Expect periods of wet and windy weather, especially in coastal or northern regions, with quieter streets and cozy cafés.
- › Packing Tips: Warm layers, waterproof coat, scarf, gloves, and sturdy shoes for cold mornings and wet conditions.

Cultural Tips

Language & Courtesy

- › A friendly greeting goes a long way: “Hello,” “Good morning,” and “Thank you” are always appreciated.
- › Polite tone, patience, and queuing (waiting your turn) are important social norms across the UK.

Pace of Life

- › Expect a steady, organized rhythm: schedules run on time, and public transport is punctual.
- › Shops and museums follow set hours, with earlier closures common outside major cities.

Respect for Nature & Heritage

- › Stay on marked paths, keep noise low, and follow posted guidance at parks and historic sites.
- › Be mindful in heritage areas: no littering, respectful photography, and care around fragile structures.

Student Engagement

- › Curiosity is welcomed - locals often enjoy thoughtful questions and polite conversation.
- › Dress modestly for formal visits such as universities, research centers, or historic institutions.

Faith & Tradition

- › The UK blends diverse traditions with visible Christian heritage in churches, cathedrals, and holidays.
- › Sundays may feel quieter, with reduced hours and a more relaxed pace in many towns.



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Taste of England & Scotland – Local Favorites to Try

England and Scotland offer a comforting mix of familiar favorites and regional classics that are easy for students to enjoy between activities or during free time. From warm pastries and hearty pub dishes to sweet treats and modern street food, the UK's culinary scene is approachable, fun, and full of flavors students may not encounter every day in their home country. This section highlights both the reliable go-tos and the uniquely British and Scottish specialties that make the UK memorable.

1. **Fish & Chips** – Crispy, golden, and served everywhere; a UK staple and always a student favorite.
2. **Pasties & Savory Pies** – Handheld pastries filled with beef, vegetables, or cheese; warm, filling, and perfect for busy days.
3. **Scotch Eggs** – A hard-boiled egg wrapped in seasoned sausage, breaded, and baked or fried; surprisingly familiar and fun to try.
4. **Shepherd's Pie & Cottage Pie** – Comforting baked dishes topped with mashed potatoes; shepherd's pie uses lamb, cottage pie uses beef.
5. **Roast Lamb Dishes** – Served far more often in the UK than in the U.S.; mild, tender, and commonly found in traditional pubs.
6. **Haggis** – Scotland's most famous traditional dish, made from finely seasoned oats and minced meat, cooked until warm and hearty. It's typically served with "neeps and tatties" (mashed turnips and potatoes) and often offered in mild, student-friendly versions at restaurants.
7. **Black Pudding / Blood Pudding** – A traditional UK breakfast item made from oats, spices, and a small amount of blood for flavor and color. It's usually served in thin slices and has a mild, savory taste.
8. **Sausage Rolls** – Flaky pastry wrapped around seasoned sausage; inexpensive, widely available, and very student-friendly.
9. **Sandwiches & Toasties** – Reliable, easy options found in cafés, markets, and train stations.
10. **Soups & Stews** – Warming and familiar, especially in cooler months; look for lentil soup, vegetable broth, or Scottish broth.
11. **Cream Tea** – A classic British treat: warm scones served with jam and clotted cream, plus a pot of tea.
12. **Scottish Shortbread** – Buttery, sweet, and iconic; found in bakeries, cafés, and gift shops in Scotland.
13. **Sticky Toffee Pudding** – Warm, sweet, and comforting; one of the UK's most beloved desserts.
14. **Tablet (Scotland)** – A traditional Scottish sweet made from sugar, butter, and condensed milk, cooked until it becomes firm, crumbly, and melt-in-your-mouth. It's similar to fudge but grainier and lighter, and you'll find it in small shops, cafés, and gift stores throughout Scotland.
15. **International Street Food** – UK cities offer noodles, wraps, curries, dumplings, and other global flavors that students instantly recognize.
16. **Tea & Biscuits** – A simple, cozy tradition; students will see tea served everywhere, often with shortbread or digestives.



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Entry Requirements for the United Kingdom

Travel entry requirements for the United Kingdom continue to evolve as the UK transitions to a fully digital border system. All travelers are responsible for checking the most current information during planning and before departure. The guidelines below reflect the latest updates for 2026 and are subject to change without notice. Always verify requirements through your government's travel authority and the official UK Visas & Immigration website prior to travel.

General Requirements (All Travelers)

- ✓ A valid travel document (passport or national ID for eligible UK/Irish citizens)
- ✓ Proof of sufficient funds for your stay (may be requested at the border)
- ✓ Proof of accommodation (hotel, program lodging, or invitation)
- ✓ Proof of onward or return travel
- ✓ Compliance with UK digital border checks, including ETA or visa status verification

Non-Visa Travelers (Including U.S., Canadian, Australian, EU/EEA, and others)

- ✓ **Electronic Travel Authorisation (ETA):** Effective February 25, 2026, all non-visa nationals must obtain an approved ETA before travel for tourism, family visits, business meetings, conferences, or short-term study up to 6 months. Travelers without an ETA may be denied boarding or refused entry.

ETA Details:

- › Required for all non-visa nationals
- › Costs £16–£20 depending on implementation date
- › Valid for 2 years or until passport expiration
- › Allows multiple entries
- › Processing typically within 24–72 hours
- ✓ **Passport Validity:** Passport must be valid for the duration of your stay. (UK does not require the extra 3-month validity rule used by Schengen countries.)
- ✓ **Purpose of Stay:** Travelers may be asked to show documentation of their visit purpose and accommodation.
- ✓ **Return/Onward Travel:** You must demonstrate intent to return home or continue travel.

UK / Irish Citizens

- ✓ *UK and Irish citizens do not need an ETA but must travel with a valid UK or Irish passport or certificate of entitlement.*
- ✓ *Dual citizens must present their UK or Irish passport when entering the UK.*

Digital Border Transition (2026 Updates)

The UK has fully transitioned to a **digital-first immigration system**, phasing out physical documents such as Biometric Residence Permits (BRPs) in favor of **eVisas**. All long-term visa holders must ensure their digital status is linked to their current passport before travel.



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TECH-FUSION: THE BRITISH BLUEPRINT

Minimum Booking Numbers: 20 students

What's Included:

- ✓ Roundtrip international flights; to London and from Edinburgh / Glasgow
- ✓ 8-nights' accommodation in the UK: 3-nights London, 2-nights Warwickshire & 3-nights Edinburgh
- ✓ Breakfasts & dinners starting with dinner on your night of arrival and ending with breakfast on your day of departure; plus one lunch
- ✓ Airport transfers and transportation to activities
- ✓ The Tower of London with Historical Tour (if available; not available on weekends)
- ✓ Tower Bridge Engineering Walk
- ✓ The London Eye
- ✓ The British Museum with Scavenger Hunt
- ✓ London's Hop-On/Off Sightseeing Tour
- ✓ Thames Dinner Cruise
- ✓ London Science Museum & IMAX Presentation
- ✓ Royal Institution & Applied Science Lab Experience
- ✓ Covent Garden
- ✓ Warwick Castle Medieval Experience, Castle Quest Challenge & Medieval Trivia Team Challenge
- ✓ Thinkers in Education STEM Challenge Day
- ✓ Bletchley Park Codebreaking Experience with Math & Cryptology Master Class
- ✓ Dynamic Earth Museum, Planetarium & 2 Master Class options
- ✓ University of Edinburgh Campus Tour
- ✓ Edinburgh Royal Mile Historical Tour
- ✓ Falkirk Wheel Boat Lift Engineering Experience + Engineering Interpretation Session
- ✓ RRS Discovery Tour: British National Antarctic Expedition Research Ship
- ✓ Victoria & Albert Dundee Design Workshop
- ✓ Personal Tour Director
- ✓ 24-hour emergency cover

What's Not Included:

- ☒ Fully comprehensive insurance (**mandatory**)
- ☒ Baggage costs, pay directly to airline if required
- ☒ Baggage handling - everyone should be able to pull / load their own bag
- ☒ Transfers to/from home airport
- ☒ Lunches nor snacks and beverages other than at designated mealtimes
- ☒ Meal selections other than ones provided for the entire group (we are generally able to cater for allergy conditions, vegetarians, halal and in some cases vegan)
- ☒ Cost of visas, visa waivers, passports or other legal requirements for entry/return
- ☒ Cost of inoculations or medication required for travel
- ☒ Sightseeing / Entertainment / Transport not shown in Itinerary
- ☒ Hotel incidental deposits & bills – mini-bar, movies, etc.
- ☒ Gratuities – drivers, hotel services, local guides, tour director
- ☒ Credit card fees if individuals wish to pay via credit card instead of ACH
- ☒ Additional taxes, fuel surcharges or fees levied by governments / suppliers

As always, our staff are available to you to answer any questions you may have regarding programming. If we may serve you in any way, please do not hesitate to contact us.



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