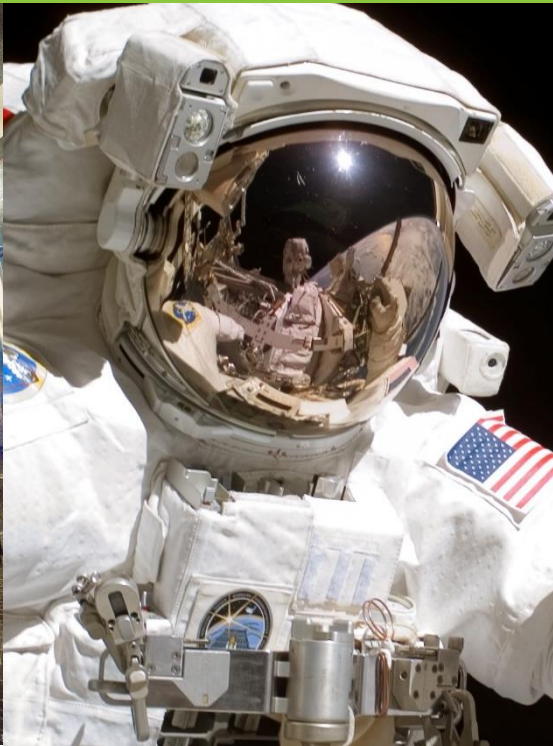


Quote and Itinerary – Bishop Wordsworth School NASA Educational Tour October 2019 Orlando - United States



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Trip Summary & Itinerary

Destination	Orlando
Tour type	Educational
Departure date	October 2019
Tour duration	7 or 8 days
Departure airport	Any London
Arrival airport	Orlando

Day 1: Travel Day

Depart from a local international airport and fly to Orlando. Transfer to your hotel. Once you arrive in Orlando, meet your Educating Adventures representative who will be with you for the duration of the tour and ensure that everything runs smoothly from start to finish.

Day 2 - 4: Space Trek Mission Robotics

Attend three full days at Kennedy Space Centre, participating in the Space Trek: Mission Robotics program. After camp, spend the evening in Cocoa Beach.

You will transfer into Orlando at the end of your final day.

Day 5: Universal Islands of Adventure

Head out for a day at Universal Studios and Islands of Adventure, you can explore Harry Potter's Diagon Alley and Hogsmeade and take the Hogwart's Express between the two! In the evening you can attend an NBA basketball match (schedule permitting).

OPTIONAL EXTRA DAY

Day 6: Ifly and Universal with educational program

In the morning learn about the physics of freefall at I-fly's indoor wind tunnel. The program involves a lecture followed by the chance to apply your learning in a vertical wind tunnel. In the afternoon you can head back to the Universal parks. The group will participate in either:

- The 'Behind the Adventure Tour' showcasing the physics behind the theme parks most amazing rides and discover the science involved in creating the world's most technologically advanced theme park!
- One of Universal's famed STEAM App educational programs.

Day 7: Boggy Creek and depart

Wake up and pack your bags before you head out for a morning of thrills with a ride with the Boggy Creek Airboats, sneak in a bit of shopping and then head to the airport for an afternoon flight. Say goodbye to your EA rep, it's time to go home!

Day 8:

Arrive home in the UK with amazing memories of your American adventure.

Trip Details and Activities

Accommodation

- 3 star standard hotel. Students will stay in triple share rooms (2 individual beds and a rollaway/ pull-out bed)
- Teachers will be in single rooms

Meals

- Breakfast will be supplied at the hotel and will usually be a continental or hot buffet
- Lunch is to be self catered (venues advised by your EA rep)
- Dinner will be at a selection of local American restaurants

*Lunches included on Camp days

Kennedy Space Center

Kennedy Space Center is an educational center that allows students to explore and tour NASA areas and interact with shows and exhibits. View ten-story high rockets from all eras of space exploration in the Rocket Garden, walk through a full-size space shuttle mock-up, see 3D-IMAX space films on gigantic five-story screens, and see an actual Gemini program capsule on display. Some recent additions to the Center now include the Space Shuttle Atlantis, Angry Birds Encounter, and The Hubble Telescope exhibit. The amazing exhibits and inspiring shows will immerse students into the past, present and future of the NASA space program. Students will also get a behind the scenes glimpse of Kennedy Space Centre on a NASA Bus Tour to the LC-39 Observation Gantry and the Apollo/Saturn V Centre!



Space Trek

Space Trek Camp offers high-quality science, technology, engineering, and mathematics (STEM) opportunities for students at NASA's Kennedy Space Center. The Space Trek approach to STEM is to use the technology-rich environment of KSC as a learning tool and provide an opportunity for students to learn as part of an engineering team. This means that as well as STEM subjects, lessons are also taught about communication and collaboration, skills essential to future success.



Mission Robotics

Students will come to understand the use of robots in space, the science and math behind various developmental aspects of robots, and how technology and engineering are coming together to create more advanced robots every day. The group is divided into teams of students who work through learning the design, as well as constructing and programming their robot, which will be challenged through various point earning tasks.



Curriculum Components:

Lunar Rover - Construction & Programming

Innovation Challenge - Teams develop their own design of a robotic rover that can navigate on a near-real mock-up of lunar or Martian surface.

Moon Mission: Final mission on a near-real lunar surface replica (16ft X 16ft). Student teams will compete in a Moon like environment.

Other Camp Activities:

- Meet and Greet with an Astronaut - students meet an actual space explorer, who will talk about the future of space exploration. Students are encouraged to ask questions and later they receive an autographed souvenir from their astronaut guest.
- Shuttle Launch Experience - student's 'get vertical' as they ride the shuttle launch simulator to replicate the thrill of launching into space!
- IMAX - Two giant IMAX 3D theatres with wall to wall of sound, five story screens showing dramatic footage shot by NASA astronauts during actual missions.
- Graduation and closing ceremonies - campers are awarded certificates and t-shirts on completion.

Universal and Islands of Adventure

Universal Studios: Go behind the scenes, beyond the screen, and jump right into the action of your favourite movies at Universal Studios, the world's premier movie and TV based theme park. The motto of Universal Studios is 'ride the movies' and that's definitely what you will be doing! With great rollercoasters, shows and characters filling the park fun is certainly on the agenda! Check out rides and shows based on popular movies such as ET, Back to the Future, Jaws, Transformers and many more!



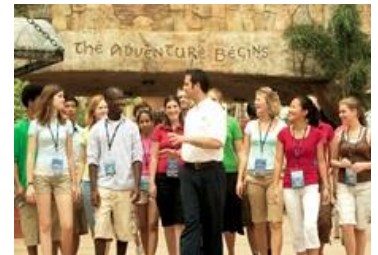
Islands of Adventure: This is a thrill seekers paradise! Creative consultant Steven Spielberg put together the most thrilling and technologically advanced rides and attractions ever made at Universal Studios Islands of Adventure. Your journey begins at the exotic Port of Entry and takes you through five uniquely themed islands - Seuss Landing, The Lost Continent, Jurassic Park, Toon Lagoon and Marvel Super Hero Island as well as, Harry Potter World!



Harry Potter World: Pull on your capes for the adventure of many lifetimes at Universal's Harry Potter World! Opened in 2010, it's the newest and arguably the most popular park that Orlando has to offer. Sip pumpkin juice and other Hogworts delicacies while enjoying shows such as the Frog Choir, the Ollivanders Wand Shop and the Triwizard Spirit Rally. Then jump on rides such as the Dragon Challenge, Flight of the Hippogriff and the Forbidden Journey to round off a day of magic and action!



STEAM App Series: Universal Orlando's STEAM App Series combines national educational standards with real-world critical thinking to transform their top attractions into creative learning environments. Programs include physics lessons themed around the Hollywood Rip Ride Rockit rollercoaster, learning about engineering principals at the Transformers - The Ride 3D, and an into to paleobotany at the Jurassic Park Ride.



Behind the Adventure program: A science and technology themed tour of the Islands of Adventure theme park. Students now have the opportunity to discover the sciences used to create the world's most technologically-advanced theme park, with exclusive access that's restricted to the general public! The 'Behind the Adventure' tour showcases the physics, technology and general sciences that went into creating the most popular attractions at Islands of Adventure.

NBA basketball match

Show the students one of the great elements of America's sporting culture. The NBA is widely considered to be the premier men's professional basketball league in the world - soak up the atmosphere, grab yourselves some popcorn and corn dogs have a great night out!



Cocoa Beach

Cocoa Beach is the quintessential beach town on the Florida coast. Enjoy your evenings at the beach and exploring the town. Don't forget to see Ron Jon's, the world's largest surf shop, open 24/7!



I-Fly Orlando

During this physics and freefall workshop students will enjoy a 40-minute lecture taught by an accredited physics professor on the physics of freefall and the technology behind the wind tunnel, followed by Q&A session and an exam. Everyone will leave this class educated and exhilarated after experiencing a one-minute freefall in a state of the art vertical wind tunnel - with wind speeds of 130 to 175+ mph!



Boggy Creek Airboats

Glide through the wetlands on a beautiful Florida wildlife tour. Airboat tours start with a leisurely idle down a natural canal viewing exotic birds, turtles and the Florida alligator in their natural environment. Then you will fly like the wind into the swamps experiencing the awesome feel of the airboat ride travelling up to 45mph. Boggy Creek Airboat rides is the best way to experience the beautiful Central Florida Everglades.



- *All activities quoted are subject to availability at time of booking. The structure of the itinerary quoted is a suggestion, order of activities may need to be amended according to supplier availability.*
- *Workshops are often only available to book 3 months in advance (depending on the attraction) so are subject to change. If this is the case we will endeavour to find other similar activities.*