



Our STEM Discovery tour to Florida begins at NASA's Kennedy Space Center, offering inspiring exhibits and hands-on experiences. On guided tours into exclusive areas, your students will benefit from a behind-the-scenes look at Kennedy Space Center's working space flight facilities.

Students will then have the unique opportunity to discover the science involved in creating the world's most technologically advanced theme park with our 2-day Hopper pass at Universal Studios. The "Behind-the-Adventure masterclass" showcases the physics, technology, mathematics and engineering that went into designing and building this state-of-the-art theme park. The 3-hour Master Class begins 1-hour before the theme park opens and allows for access to areas of the park unavailable to the general public. On each of our 2 days at the park, after our guided masterclass, the days are yours to have fun in two of the most incredible theme parks in America – Universal Studios and Universal's Islands of Adventure.

At the Orlando Science Center, school groups are automatically signed up for Forensic Lab with our Florida Physics Master Class. Discover how techniques such as chromatography, blood typing and facial composite computer software have changed the world of crime solving. See how forensic scientists use biology, physics and chemistry in the field of criminology. Advanced Chemistry Lab and Advanced Biology Lab are also available!

And finally, your group will experience an evening like no other at Wonderworks, an amusement park for the mind, combining education and entertainment in over 100 hands-on exhibits for students of all ages. Students will feel 65-mph hurricane force winds, be shaken by a 5.3 earthquake, play virtual sports, land the space shuttle, fly a fighter jet, and design and ride their own roller coaster – all before dinner!

## CURRICULUM LINKS

A unique cross-curricular experience for students of Science, Technology, Engineering and Maths. This exclusive school group tour offers a choice of Physics, Chemistry and Biology workshops.

### KS3

- Earth and the atmosphere
- Motions and forces
- Physics in outer space
- Electricity and electromagnetism

### GCSE

- Earth and atmospheric science
- Forces and motion
- Electricity and circuits
- Lights and electromagnetic spectrum

### A LEVEL

- Mechanics
- Electric circuits
- Atomic structure



# SUGGESTED ITINERARY

This unique itinerary includes 3 x Science workshops, behind the scenes guided tours as well as a 2-day hopper pass to the Islands of Adventure and Universal Studios Theme Parks.

Day 1	Morning	Afternoon	Evening
	Flight to Orlando	Meet coach and transfer to hotel	Free time to buy own evening meal
Day 2	Morning	Afternoon	Evening
	Full day excursion to NASA's Kennedy Space Center	Guided tour; IMAX Theatre, Space Flight simulator; Astronaut briefing	Evening meal at hotel
Day 3	Morning	Afternoon	Evening
	Universal Studios 'Science-Behind-the-Scenes' Master Class	Islands of Adventure and Universal Studios Theme Parks	Evening meal at hotel
Day 4	Morning	Afternoon	Evening
	Orlando Science Center and Forensic Science Lab	I-Fly Master Class Jump	Wonderworks and Comedy Dinner Show
Day 5	Morning	Afternoon	Evening
	Universal's STEAM App Master Class	Islands of Adventure and Universal Studios Theme Parks	Free time to buy own evening meal
Day 6	Morning	Afternoon	Evening
	Free morning in Orlando for shopping	Meet coach and transfer to airport	Flight to UK
Day 7	Morning	Afternoon	Evening
	Arrive back in the UK	Return to school	

## EDUCATIONAL VISIT OPTIONS

- Wildlife Park & Airboat Eco-tour Master Class
- Orlando Eye
- Advanced Chemistry Lab
- Advanced Biology Lab



# SAMPLE ACCOMMODATION

This exclusive Florida STEM Discovery tour includes nearby hotel accommodation within easy reach of Orlando's famous theme parks, attractions, shopping, and dining.



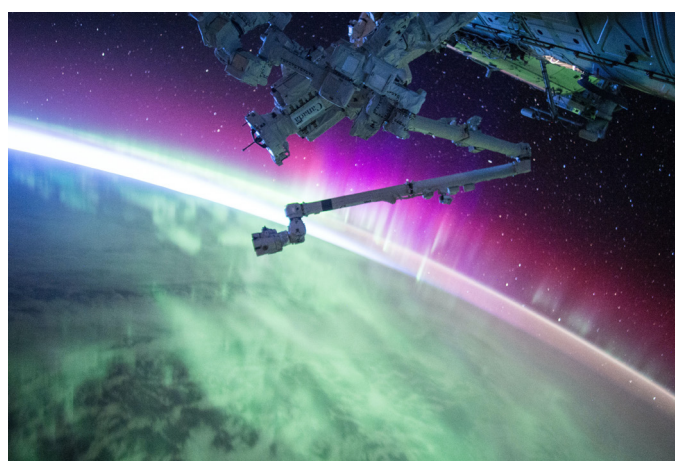
## THE ROSEN INN AT POINTE ORLANDO

Ideally located on Orlando's famous International Drive, this hotel's superb central location provides easy access to major attractions, including Universal Studios Florida, SeaWorld Orlando and Walt Disney World. The hotel features three attractive pool areas with beautifully landscaped gardens, a Guest Services, a gift shop, a video arcade, a full restaurant, a sports bar and a snack shop & deli. Rooms feature two queen beds, cable television, in-room coffee, hair dryers, in-room safes, microwaves and refrigerators.



## SPRINGHILL SUITES, ORLANDO CONVENTION CENTER

Offering comfortable, affordable rooms just 10 minutes' drive from Universal Orlando resort and Sea World Orlando and conveniently located within walking distance of restaurants, movie theatres and shopping options. All air-conditioned rooms are suites sleeping 3-4 guests with separate sleeping areas, private bathrooms, pantry area with fridge, microwave, Coffee maker and free Wi-Fi. On-site you can enjoy the outdoor pool, fitness centre and free buffet breakfast.



## BEYOND ORDINARY - THE VISIONS DIFFERENCE

Visions in Education offer fully immersive, hands-on, educational trips of a lifetime. We support our teachers from planning the perfect trip, right through to hands-on support on the ground. Our excellent portfolio of destinations has been chosen to provide the best experience for all our travelling students.



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