



OUTER SPACE CAMP WITH ROBOTICS

Suitable for Children Aged: 12-15 Years

Space Camp with Robotics Program Includes

Performing a Simulated Space Shuttle Mission and Building a Robot.

Objective: Introduce campers to the world of programming and engineering.

Duration: 5 Nights/6 Days

- Benefits:**
- Develop the ability to explain the practical applications of robotics technology, especially with respect to space exploration.
 - Develop the ability to solve difficult problems working and discussing the roles of engineers and programmers in the robot design process with their peers.
 - The activities are designed to teach teamwork, problem-solving skills, and introduce campers to the world of programming and engineering.
 - And a lot more to learn about Space Engineering, Crew Systems, Soil-less Plant Growth, Astronomy, Zero-Gravity, etc. ... with Space Camp Turkey!



HIGHLIGHT!! SPACE SHUTTLE MISSION

During our simulated space shuttle missions, campers are assigned special positions such as payload specialist on the space shuttle Discovery and flight engineer in mission control. Participants learn how to effectively communicate with one another, solve problems together, and work as a team to ensure overall success of the mission.

This is a lifelong experience as it teaches the participant the essence of team work and other essential skills in an interesting environment. Much like the burning fire of the rocket the camp sets the participant's passion on fire and gives him/her a clear understanding of what he/she would like to become in the future.... " because even great minds need to be nurtured".



TYPICAL DAY AT THE ROBOTICS CAMP

TIME	ACTIVITY	TIME
7:00 AM	WAKE UP / PREPARE FOR DAY	7:00 AM
8:00 AM	BREAKFAST / TEAM TIME ACTIVITIES	8:00 AM
9:00 AM		9:00 AM
10:00 AM	ROBOLAB - 2	10:00 AM
11:00 AM	NASA Taboo / Gift Shop	11:00 AM
12:00 PM	NEWTON CAR	12:00 PM
1:00 PM	LUNCH	1:00 PM
2:00 PM	HEAT TILES / HYDROPONICS LAB	2:00 PM
3:00 PM	Thermal Design Challenge	3:00 PM
4:00 PM	1/8th CHAIR	4:00 PM
5:00 PM		5:00 PM
6:00 PM	ROBOLAB - 3	6:00 PM
7:00 PM	DINNER	7:00 PM
8:00 PM	STARLAB	8:00 PM
9:00 PM	ASTRONOMY PRESENTATION / OBSERVATORY	9:00 PM
10:00 PM	BACK TO BAYS	10:00 PM
11:00 PM	LIGHTS OUT	11:00 PM

'may the force be with you'



SPECIAL FEATURES:

- Participate in a 1-hour simulated space shuttle mission
- Experience astronaut training simulators(*)
- Enjoy the challenge of interactive problem-solving exercises in our "Area 51"- Space Camp Turkey's unique team building course
- Construct and launch a one-stage model rocket
- Gaze at Moon's craters, where Apollo modules landed, Jupiter's stripes, Saturn's rings, and even double stars in the constellations through a 10-inch telescope in our rooftop observatory
- Learn how to locate the constellations and their stars in our planetarium
- Learn about space suits and try one on.
- Develop problem solving, time management and teamwork skills
- Observe how plants grow without soil (hydroponics) and take home a flora sample of your own
- Learn about the history of space exploration
- Watch educational and entertainment films in our movie theater and understand what it's like to live and work in space.

(*)Campers must be at least 4 feet (120 cm) tall and weigh no more than 210 pounds (95 kg) to ride the simulators.



MISSION CONTROL

Includes:

- | | |
|---------------------------------------|---------------------------------|
| 1. Complete Program as Detailed Above | 5. All Meals |
| 2. Air Fare | 6. Transfers |
| 3. Visa & Travel Insurance | 7. Tours & Sight Seeing |
| 4. Accommodation | 8. T-shirt & Cap |
| | 9. Educational Program Material |

Launch Schedule for 2013

- 15th-20th March
- 05th-10th April
- 13th-18th May

Minimum Group Size: 20 Students
For Programs From June Onwards Please Enquire.

THE COUNTDOWN HAS BEGUN...



T, R, A, V, E, L, T, O, L, E, A, R, N.

stay curious...