



Adventures in Oceanography - Marine Biology

13-17 February Science Camp 2023

For ages: 4-7 and 8-12 years (separately taught, age-adjusted content)

Location: Holiday Inn London - High Street Kensington, Ground Floor, Wrights Lane, London W8 5SP (2 mins High Street Kensington Tube and 10 mins from Earl's Court Station), secure garden area for outdoor activities during lunch breaks

- **CLASSROOM-BASED HOLIDAY CAMP INFORMATION**
- Weekly/daily holiday camps run from 9.30-3.30, (free early drop-off from 8.30 am)
- Our holiday camps are completely hands-on & project-based throughout each day
- Your children will be grouped & taught separately by ages/ability and will be assisted during all experiments
- Our teachers are having regular PCR flow tests and are fully vaccinated
- We have a very high teacher/child ratio during all camp days (6:1)
- All workshops are fully risk assessed
- Regular and accompanied breaks for refreshments and outdoor activities (weather permitting)
- PLEASE NOTE: Lunch/2 snacks have to be provided by the parents, due to the different dietary requirements
- ****WE DO NOT ALLOW ANY NUTS, SEEDS, OR EGGS IN THE ROOM**!**

Day 1 - Monday, 13 February 2023

- The Deep Ocean and Incredible Recent Discoveries!
- Who wants to be a Marine Biologist?
- The Science of Swimming
- The Anatomy of the Ocean
- Mysterious Hydrothermal Vents
- The Origins of Life in the Oceans

Day 2 - Tuesday, 14 February 2023

- Intelligent Octopuses and Squids
- The Sea Turtles: a Phenomenon of Nature
- The Moon and the Ocean
- How do Gills Work
- Oceanic Food Chains
- How Mighty Kelp Forests Can Save The Planet

Day 3 - Wednesday, 15 February 2023

- How to Build Submarines
- Frozen Oceans and life under and above the ice
- Amazing Jellyfish
- How Whales and Dolphins Can Teach us About Echolocation

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Day 4 – Thursday, 16 February 2023

- The Science of Waves and How the Waves Shape the World.
- The Wonderful World of Sharks
- How the Moon interacts with the Ocean
- Animal Superpower: Bioluminescence and How it Works
- What Are Oceanic Currents?

Day 5 – Friday, 17 February 2023

- Water Cycles and how the Oceans Shapes the Weather
- What is Deep Sea Symbiosis?
- The Biology of Coral Reefs
- Jacques Cousteau, Sylvia Earle, Orla Doherty and Other Ocean Explorers We Should Know About
- Microplastic Pollution and Its Impact on the Marine Life

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