



EASTER CAMPS 2023

Week 1: Mon-Thu, 3-6 April 2023 - Newton, Volta, Einstein & Quantum Physics

Week 2: Tue-Fri, 11-14 April 2023 -Geographic Explorers

Week 3: Mon-Fri, 17-21 April 2023 -Think Architecture: Shapes, Materials & Cities of the Future

Book single days or the full weeks from 9.30-3.30 (free early drop-off from 8.30), <https://www.littlehouseofscience.com/timetable/>, 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 fully vaccinated & have enhanced DBS checks in place
- We have a very high teacher/child ratio during all camp days (1:6)
- 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**!

Week 1:

Day 1: Mon-Thu, 3-6 April 2023 - Newton, Volta, Einstein & Quantum Physics

- What are Forces?
- Isaac Newton and the Newtonian Laws
- What is Energy?
- State of Matter
- Density and the Property of Materials

Day 2: Mon-Thu, 3-6 April 2023 - Newton, Volta, Einstein & Quantum Physics

- What is Gravity and its effect in our universe?
- I Galileo Galilei
- Leonardo and the science of Flight
- Rocket Science and how far can we get?

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Day 3: Mon-Thu, 3-6 April 2023 - Newton, Volta, Einstein & Quantum Physics

- Electromagnetisms and Light
- Electricity and Circuits
- Alexander Volta and the invention of the battery
- Green Energy and New materials

Day 4: Mon-Thu, 3-6 April 2023 - Newton, Volta, Einstein & Quantum Physics

- Introduction in Particle Physics
- Strange Atoms
- Weak and Strong Forces
- The life of Stars
- Stephen Hawking and the mystery of Black Holes
- Is Time Travel Possible?

Week 2:

Day 1: Tue-Fri, 11-14 April 2023 - Geographic Explorers

- Maps, atlases, and globes
- Amazing navigators
- How the compass changed the world
- Continents and oceans
- Jacques Cousteau and the undersea world

Day 2: Tue-Fri, 11-14 April 2023 - Geographic Explorers

- Weather and Seasons
- The power of the Wind
- What is Temperature?
- Water and Water Cycles
- Clouds and Fog

Day 3: Tue-Fri, 11-14 April 2023 - Geographic Explorers

- Evolution of the landscape
- Geological Strata
- How Marie Tharp changed Geology forever
- Earthquakes and Volcanos



Day 4: Tue-Fri, 11-14 April 2023 - Geographic Explorers

- What is Erosion?
- Amazing Amazonian Rainforests!
- From Mount Everest to the Mariana Trench
- Great Adventurers and Explorer
- Alexander von Humboldt: From Berlin to Bogota

Week 3:

Day 1: Mon-Fri, 17-21 April 2023 - Think Architecture: Shapes, Materials & Cities of the Future

- Engineers or Architects?
- Architectural Landmarks
- How the Wheel changed the World
- The Coliseum and The Duomo
- Properties of Materials

Day 2: Mon-Fri, 17-21 April 2023 - Think Architecture: Shapes, Materials & Cities of the Future

- Let's build columns!
- Beams, Vaults, and Arches
- The invention of the simple machines
- Introduction to Towers: Engineering Above the Clouds

Day 3: Mon-Fri, 17-21 April 2023 - Think Architecture: Shapes, Materials & Cities of the Future

- Who was Antonio Gaudi?
- Zaha Hadid and the Diversity of Shapes
- Norman Foster and his Buildings
- Naval Engineering

Day 4: Mon-Fri, 17-21 April 2023 - Think Architecture: Shapes, Materials & Cities of the Future

- Animal Architects: Beavers, Termites, Spiders and Bees
- Who was Islamabad Kingdom Brunel
- Sustainable Architecture and how Bucky Fuller changed the world
- Design your own home!
- How climate affects Architecture and vice versa



Day 5: Mon-Fri, 17-21 April 2023 - Think Architecture: Shapes, Materials & Cities of the Future

- The Anatomy of Castles
- Biomimicry and Architecture
- Let's Build Bridges/ The Bridges of London
- Young Architects and their Vision
- Space Architecture