



16-20 December 2019 Camp Programme

Daily Monday-Friday, 9.30-3.30 (8.45am free early drop-off), 4-7 and 8-12 years (age adjusted & separated groups), to register: https://www.littlehouseofscience.com/holiday_workshops

- Holiday Inn, The Academy, First Floor, entrance via Courtfield Road, London SW7 4DN (1 mins from Gloucester Road Station)

16-20 Dec 2019 Santa's Physics Camp

Monday, 16 Dec 2019 - Day 1:

- The physics behind Santa's sleigh
- Newtonian laws at the school of elves
- What is energy?
- State of matter, atoms, density in Santa's workshop

Tuesday, 17 Dec 2019 - Day 2:

- Aerodynamic of reindeers
- What is gravity and its effect in our universe (and Santa)
- Santa's weight and Santa's mass
- I, Galileo Galilei
- Rudolf races or rocket science

Wednesday, 18 Dec 2019 - Day 3

- Shooting Stars, Comets Meteorites and other rocks
- What is Light?
- Amazing astrogeology
- The life of stars

Thursday, 19 Dec 2019- Day 4

- Science of Sound (and Christmas Carols)
- Waves and echolocation
- Maths in science or the symmetry of Christmas Trees
- Time machines and time travel

Friday, 20 Dec 2019- Day 5

- Physics of the arctic
- Magnets and magnetic fields
- How Icebergs work?
- The science behind Christmas Grinch Slime
- What are the Northern Lights?

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