

PHYSICS

A bitesize overview of the curriculum.

YEAR 1

- An introductory topic on Measurement Skills and Units.
- Lots of practical work with specialist equipment.
- New topic on Particle and Quantum Physics.
- Follow up on GCSE topics of Motion, Energy, Forces, Waves and Electricity.
- Lots of opportunity for teamwork, problem-solving and creativity.

YEAR 2

- Class Presentations on latest developments in Physics.
- Astrophysics Option.
- Thermal Physics, Nuclear Physics, Electrical, Gravitational and Magnetic Fields topics.
- Training for Practical Paper 3.
- Lots of opportunity for teamwork, problem-solving and creativity.

WHAT SUBJECTS COULD I STUDY AT UNIVERSITY?

- Engineering
- Architecture
- Accounting

WHAT CAREERS COULD THIS LEAD TO?

- Renewable Energy
- Engineering
- Medical Physics

ENRICHMENT OPPORTUNITIES

- Eureka and Paperclip Challenges
- Astrodome Visit
- British Physics Olympiad
- Our own Observatory
- One-to-one help from teachers on request