



Archbishop Tenison's

CHURCH OF ENGLAND HIGH SCHOOL

SIXTH FORM: Physics



DEPARTMENT NAME: Physics

CURRICULUM

- *In Physics, we study a range of subjects, from Mechanics, Thermal Physics and Forces in motion to Electricity, Cosmology and Quantum physics. From the very big to the very small, we cover everything.*
- *We use the OCR A level Physics textbook, which comes as two separate volumes for AS and A2, or you can purchase a combined textbook with both.*
- *Some interesting parts of our curriculum include the formation of stars, medical physics and particle physics.*



WHAT'S GREAT ABOUT PHYSICS AT TENISON'S

- *We teach using flipped learning (reading through and making notes at home while using class time to go over questions), a range of practicals and interactive lectures.*
- *Flipped learning is quite innovative and puts the learning responsibility in the hands of the learner. The teachers then function as guides. Flipped learning fosters independent learning which is essential for university and later life.*
- *Physics students at Archbishop Tenison's enjoy learning about the world around us and how and why things work the way they do.*



OPPORTUNITIES AND SUCCESSES

- *We usually enter the UK Space Design Competition every year at Imperial College, collaborating with different schools across South London to design a space colony and present it to a panel of experts.*
- *We normally run a trip to CERN every 2 years where we see the large hadron collider and also the Museum of Science in Geneva. On this trip we also visit the United Nations.*
- *Another exciting opportunity is to take part in the UK Physics Olympiad*
- *Physics pupils from Archbishop Tenison's have become engineers, pilots, actuaries and architects.*