

Why study A Level PHYSICS at Tarporley Sixth Form?



Mr K Toase
BSc in Physics
Studied at University of Sheffield
Key fact: my first name is the same as the Lord who determined the value of absolute zero



Mr J Howdon
BSc Hons in chemical engineering at the University of Strathclyde
Key fact: applied my knowledge in an industrial setting



Why we love teaching A level: everyone has the curiosity to try to understand how our world operates: be it on the small scale, like delving into atoms, or on the large scale, like the organisation of the universe. We help students achieve an insight into this fascinating subject by explaining the everyday - and not everyday effects! We learn about the daily observations that we, at all times, experience.

We have done the Physics Olympiad where students participate against other schools in an array of different themed tasks.

Where could PHYSICS take me?

Our students went on to read:

- **JAMES:** Medicine at University of Liverpool
- **TOM:** Physics at University of Leeds
- **EMILY:** Physics at University of Manchester
- **LUKE:** Aeronautical Engineering at University of Swansea
- **HARRY:** Mathematics at University of Durham
- **THOMAS:** Aerospace Engineering at University of Sheffield
- **PATRICK:** Physics at Nottingham Trent University
- **SAM:** Chemical Engineering at University of Birmingham
- **JONATHAN:** Engineering at University of Oxford
- **CHRIS -** Theoretical Physics at University of Leeds
- **ZAK -** Physics with Theoretical Physics at Imperial College London
- **EILIDH -** Natural Sciences at University of Cambridge

"My ambition for the future is to be a software engineer and the mechanics topics will help me program games using the laws of motion"

Ben: Y13 student

"Physics has allowed me to develop mathematical models in various topics. I want to study Aerospace Engineering at University and this would be a useful step in understanding the basics."

Charlotte: Y13 Student

Real world skills: systematic planning, theoretical understanding, evaluation, mathematical analysis of data, following instructions, communicating ideas (written and spoken).