

Physics Advanced Higher

What will I study?

There are four units of study:

Rotational Motion and Astrophysics : Learn more about rotational motion and angular momentum. Study gravitation, general relativity and stellar physics.

Quanta and Waves : Learn about the origin of cosmic radiation. Study harmonic motion and quantum theory.

Electromagnetism : Learn about electric and magnetic fields, capacitors and inductors and d.c. and a.c. circuits.

Research Project : Carry out an in-depth study which will need to be researched and investigated independently.

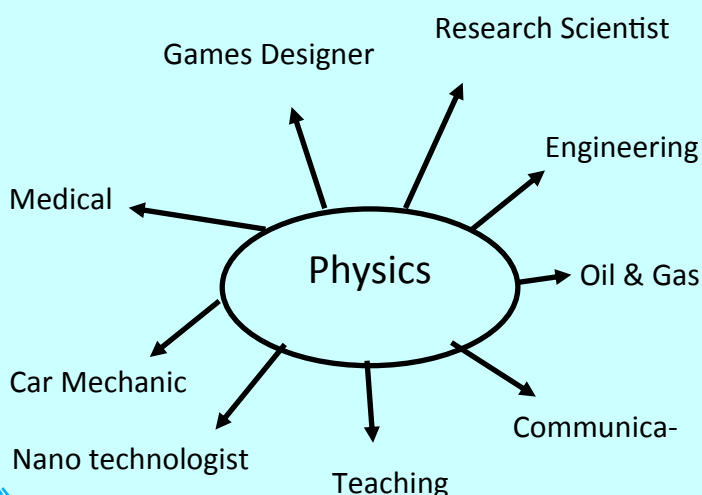
What skills will I develop?

- Knowledge and understanding of physics
- Understanding the role of physics in society and the environment
- Problem solving, experimenting and evaluating
- Independent working
- Communicating ideas & making scientifically informed choices
- Analysis and planning

How will I be assessed?

Advanced Higher units are assessed in school by your class teacher. Pupils complete an assignment in school and sit a final exam. Both of these are sent away to be marked.

Possible Careers



What help is Advanced Higher Physics after school?

AH Physics provides an excellent preparation for the study of a Physics based course at university.

Courses in related areas include engineering, electronics, computing, design, architecture or medicine amongst others.

Need more info? -

[Highers in a Nutshell](#)