

# 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.

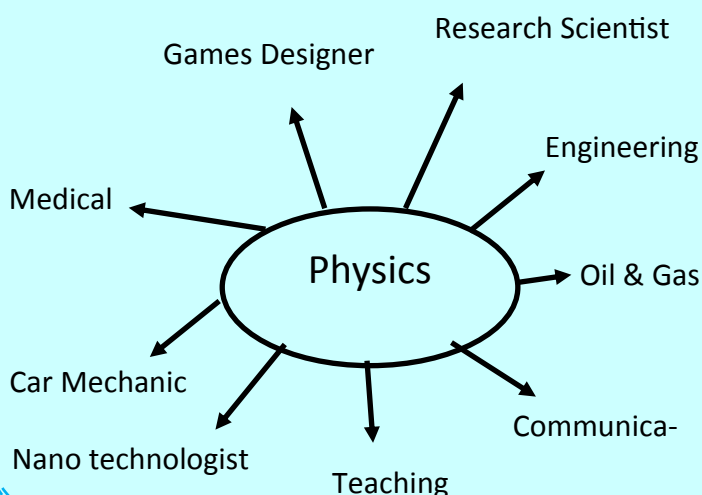
## What skills will I develop?

- 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? -**