

## What will I study?

There are three units of study:

**Dynamics & Space** : learn about speed and acceleration, and their application in different forms of travel. Consider how forces act on moving objects including space travel.

**Electricity & Energy** : learn about different methods of electricity generation and sustainable energy. Consider the relationship between electricity and magnetism ; learn about electronic systems and study heat and gas laws.

**Waves & Radiation** : learn about electromagnetic waves, radiation and their day to day applications. Consider the risks and benefits associated with radioactivity.

## What skills will I develop?

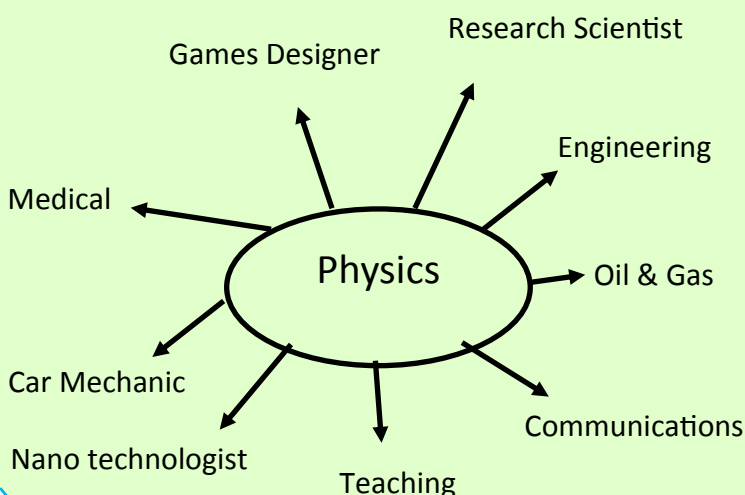
- Knowledge and understanding of physics
- Understanding the role of physics in society and the environment
- Inquiry, investigative & thinking skills
- Independent working
- Communicating ideas & making scientifically informed choices
- Analysis and planning
- The safe use of scientific equipment

## How will I be assessed?

**National 5** pupils complete an assignment in school and sit a final exam. Both of these are sent away to be marked.

**National 3 and 4** units are assessed in school by your class teacher. National 4 pupils also complete an assignment. This is completed in school and marked by your teacher.

## Possible Careers



## What can I go on and study in fifth and sixth year?

**National 4** → National 5 Physics or another science subject at National 4 level

**National 5** → Higher Physics or another science subject at Nat 5 level.

Need more info? -

[Nationals in a Nutshell](#)