

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?

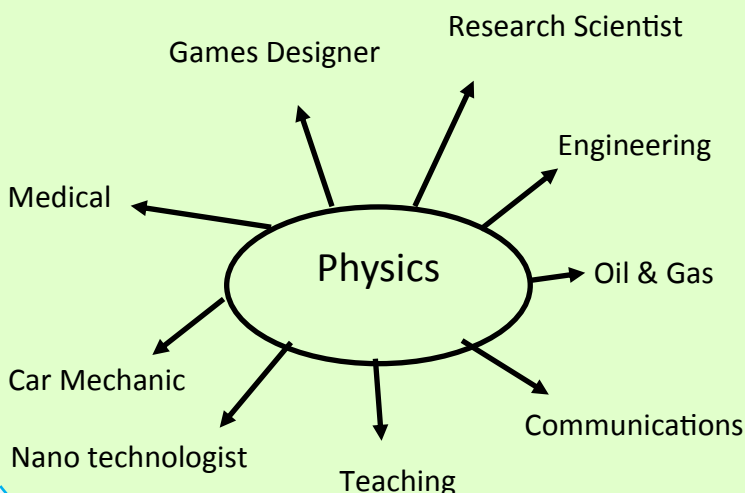
- Knowledge and understanding of physics
- Understanding the role of physics in society and the environment
- Inquiry, investigative & thinking skills
- Independent working
- Communicating ideas & making scientifically informed choices
- Analysis and planning
- The safe use of scientific equipment

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](#)