



# PHYSICS

## What Themes or Topics will you study in this subject?

NATIONAL 4 AND 5: DYNAMICS AND SPACE; ELECTRICITY AND ENERGY; WAVES AND RADIATION.

HIGHER: OUR DYNAMIC UNIVERSE; PARTICLES AND WAVES; ELECTRICITY AND RESEARCHING PHYSICS

ADVANCED HIGHER: ROTATIONAL MOTION AND ASTROPHYSICS; QUANTA AND WAVES; ELECTROMAGNETISM; INVESTIGATING PHYSICS.

## What Skills will you develop in this subject?

RESEARCH SKILLS, PRACTICAL SKILLS, INVESTIGATIVE SKILLS, COMMUNICATION SKILLS, NUMERICAL SKILLS AND PROBLEM SOLVING SKILLS.

## At what levels can you study this subject?

NATIONAL 4

NATIONAL 5

HIGHER

ADVANCED HIGHER

## What Careers are available?

MANUFACTURING; SOUND ENGINEER; SALES AND MARKETING; MECHANIC; ELECTRICIAN; WEATHER FORECASTER; MEDICINE; SATELLITE ENGINEER; RADIOTHERAPY; OPTICIAN; OIL AND GAS INDUSTRY; CIVIL ENGINEER; RENEWABLE ENERGY ENGINEER; ARCHITECT.