The Hyndburn Academy
The best in everyone™
Part of United Learning

Science Curriculum Overview

Key Stage 3 and Key Stage 4

Key Stage 2

Year 7

- 7.01 Particles, Substances and Mixtures
- 7.02 Fundamentals of Physics
- 7.03 Cells and Organisation
- 7.04 Chemical Changes
- 7.05 Organ Systems

Year 8

- 8.01 Heating and Cooling
- 8.02 Earth and the Atmosphere
- 8.03 Forces and Motion
- 8.04 Plants and their Processes
- 8.05 Electricity 1
- 8.06 Interactions and Interdependence
- 8.07 Forces and Work
- 8.08 Acids and Alkalis
- 8.09 Nutrition and Digestion
- 8.10 Space 1

Year 9

- 7.06 Sound and Light
- 7.07 Materials
- 7.08 Life Cycles
- 9.01 Ecosystems
- 9.02 Waves
- 9.03 Periodic Table and Reactivity
- 9.04 Electricity 2
- 9.05 Cellular Respiration
- 9.06 Floating and Sinking
- 9.07 Reactivity and Rates
- 9.08 Magnetic Fields & Electro-magnetism
- 9.09 Health and Disease
- 9.10 Space 2
- 9.11 Trends and Energetics

Year 10

- Cellular Life
- What Matter Is
- Matter Explained
- Exchange and Transport
- Chemical Reactions
- What Forces Do
- Biological Molecules
- Chemical Bonding
- Electricity
- Healthy Organisms
- Chemistry by Numbers
- Coordination and Control in Humans

Year 11

- Nuclear Physics
- Ecology
- Earth's Resources
- Predicting Forces and Their Effects
- Organic Chemistry
- Magnetism and Electricity
- Growth and Development
- Controlling Conditions of Reactions
- Waves
- Variation, Adaptation and Evolution
- Revision

Chemistry
Physics
Biology