What’s included in the Student Books?

EXPLORING SCIENCE INTERNATIONAL 11-14

Year 7
- Biology
  - Find out more

Year 7
- Chemistry
  - Find out more

Year 7
- Physics
  - Find out more

Year 8
- Biology
  - Find out more

Year 8
- Chemistry
  - Find out more

Year 8
- Physics
  - Find out more

Year 9
- Biology
  - Find out more

Year 9
- Chemistry
  - Find out more

Year 9
- Physics
  - Find out more

Pearson
### Biology
- **7A** Cells, tissues, organs and systems
- **7Ab** Doctors past and present
- **7Ac** Life processes
- **7Ad** Organs
- **7Ae** The work of a forensic scientist S
- **7Ae** Mixtures
- **7B** Life processes
- **7Ba** The scientific method WS
- **7Bb** Reproductive organs
- **7Bc** Becoming pregnant S
- **7Bd** Gestation and birth
- **7Be** Saving endangered species S
- **7Be** Growing up
- **7Bf** The work of zoos

### Chemistry
- **7E** Mixtures and separation
- **7Ea** Mixtures and separation
- **7Ea** The work of a forensic scientist S
- **7Ea** Mixtures
- **7Eb** Solutions
- **7Ec** Safety when heating WS
- **7Ec** Evaporation
- **7Ed** Chromatography
- **7Ed** Distillation
- **7Ee** Safe drinking water
- **7F** Acids and alkalis
- **7Fa** Chemistry in the home
- **7Fa** Hazards
- **7Fa** Controlling risk WS
- **7Fb** Indicators
- **7Fc** Acidity and alkalinity
- **7Fd** Neutralisation
- **7Fd** The chemical industry S
- **7Fe** Neutralisation in daily life
- **7Fe** Danger at home
- **7G** The particle model
- **7Ga** Sorting rubbish
- **7Gb** Solids, liquids and gases
- **7Gb** Hypotheses and theories WS
- **7Gb** Particles
- **7Gc** Brownian motion
- **7Gd** Diffusion
- **7Ge** Air pressure
- **7Ge** Forecasting the weather S
- **7Ge** Waste
- **7H** Atoms, elements and molecules
- **7Ha** Our material world
- **7Ha** The air we breathe
- **7Hb** Earth’s elements
- **7Hc** Metals and non-metals
- **7Hc** Obtaining metals S
- **7Hd** Making compounds
- **7He** Chemical reactions
- **7He** Problems with elements

### Physics
- **7I** Energy
- **7Ja** Energy and changes
- **7Ja** Energy from food
- **7Ja** Fair comparisons and ratios WS
- **7Ib** Energy transfers and stores
- **7Ic** Fuels
- **7Ic** Transporting goods S
- **7Id** Other energy resources
- **7Ie** Using resources
- **7Ie** Making changes
- **7J** Current electricity
- **7Ja** Discovering electricity
- **7Ja** Switches and current
- **7Jb** Models in science WS
- **7Jb** Models for circuits
- **7Jc** Series and parallel circuits
- **7Jd** Changing the current
- **7Jd** Building robots S
- **7Je** Using electricity
- **7Je** A world without electricity
- **7K** Forces
- **7Ka** Forces
- **7Ka** Different forces
- **7Kb** Springs
- **7Kc** Friction
- **7Kd** Pressure
- **7Kd** SI units WS
- **7Ke** Balanced and unbalanced
- **7Ke** Designing structures
- **7Ke** Safety standards
- **7L** Sound
- **7La** Animal sounds
- **7La** Making sounds
- **7Lb** Moving sounds
- **7Lb** Line graphs and scatter graphs WS
- **7Lc** Detecting sounds
- **7Ld** Using sound
- **7Ld** Working with sound S
- **7Le** Comparing waves
- **7Le** Animals and noise
### Biology
- **Year 9 content:**
  - **9A** Genetics and evolution
  - **9Aa** Monsters and myth
  - **9Ab** Environmental variation
  - **9Ab** Inherited variation
  - **9Ac** Probability **WS**
  - **9Ac** DNA
  - **9Ad** Genes and extinction
  - **9Ae** Natural selection
  - **9B** Plant growth
  - **9Ba** On a farm
  - **9Bb** Reactions in plants
  - **9Bc** Plant adaptations
  - **9Bd** Growing crops
  - **9Bd** STEM spread Ecologist
  - **9Be** Farming problems
  - **9Be** Bias and validity **WS**
  - **9Bc** Organic farming

### Chemistry
- **Year 9 content:**
  - **9E** Making materials
  - **9Ea** Materials of the future
  - **9Ea** About ceramics
  - **9Eb** Polymers
  - **9Ec** Peer review **WS**
  - **9Ec** Composite materials
  - **9Ed** STEM spread Car designer
  - **9Ef** Problems with materials
  - **9F** Recycling materials
  - **9F** Material failures
  - **9F** Material failures

### Physics
- **Year 9 content:**
  - **9F** Reactivity
  - **9Fa** Demolition
  - **9Fa** Types of explosion
  - **9Fb** Energy and reactions
  - **9Fb** Percentage loss or gain **WS**
  - **9Fd** Displacement
  - **9Fde** Extracting metals
  - **9Fde** STEM spread Materials manager
  - **9Ff** More machines

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