

Ks3 science overview

Year	Topic	Term	Content	Science
7	Science Skills	Autumn	Lab safety and basic experimental skills	All
7	Waves 1	Autumn/Spring	Sound & Light	Physics
7	Organisms 1	Autumn/Spring	Cells & Movement	Biology
7	Reactions 1	Autumn/Spring	Acid/alkalis & metals /non-metals	Chemistry
7	Project	Spring	Used to assess planning and experimental skills	All
7	Forces 1	Spring/Summer	Speed & Gravity/Space	Physics
7	Matter 1	Spring/Summer	Particles & Solids, liquids and Gases	Chemistry
7	Ecosystems 1	Spring/Summer	Interdependence & sampling	Biology
7	Project/ Assessment	Spring/Summer	Assessment of planning & experimental skills	All
8	Electricity	Autumn/Spring	Circuits & Static electricity	Physics
8	Matter 2	Autumn/Spring	Elements & The Periodic table	Chemistry
8	Organisms 2	Autumn/Spring	Breathing, Digestion & Respiration	Biology
8	Energy 1	Spring/Summer	Energy costs & Energy transfers	Physics
8	Forces 2	Spring/Summer	Contact forces & Pressure	Physics
8	Genes 1	Spring/Summer	Variation & Human reproduction	Biology
8	Earth 1	Spring/Summer	Rocks & The rock cycle	Chemistry
8	Project/ Assessment	Summer	planning & experimental skills	All
9	Magnetism	Autumn	Magnets & Electromagnetism	Physics
9	Reactions 2	Autumn	Chemical energy & Types of reaction	Chemistry
9	Earth 2	Autumn	Climate & Earth's resources	Chemistry
9	Genes 2	Autumn/Spring/Summer	Evolution & Inheritance	Biology
9	Climate project + GCSE chem topic 9	Autumn/Spring	socially important topic that includes Biology, Chemistry & Physics. Linked in GCSE work	All
9	Energy 2	Spring/Summer	Work & Heating/Cooling	Physics
9	Waves 2	Spring/Summer	Uses of waves & electromagnetic spectrum	Physics
9	Ecosystems 2	Spring/Summer	Photosynthesis	Biology
9	Project/ Assessment	Summer	Used to assess planning and experimental skills	All