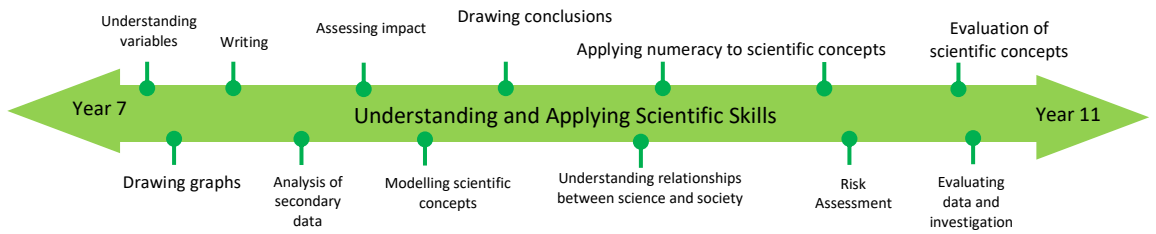


BIOLOGY



7



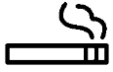
Cells, tissues, organs & systems



Muscles & bones



Sexual reproduction in animals



Ecosystems



8



Food & nutrition



Plants & their reproduction



Breathing & respiration



9



Genetics & evolution



Plant growth



10



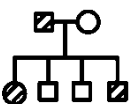
Genetics



Cells & control



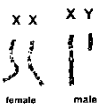
Key concepts in Biology



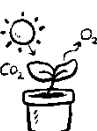
Natural selection & genetic engineering



Health, disease & the development of medicines



Animal co-ordination & control



Plant structures & their functions



11



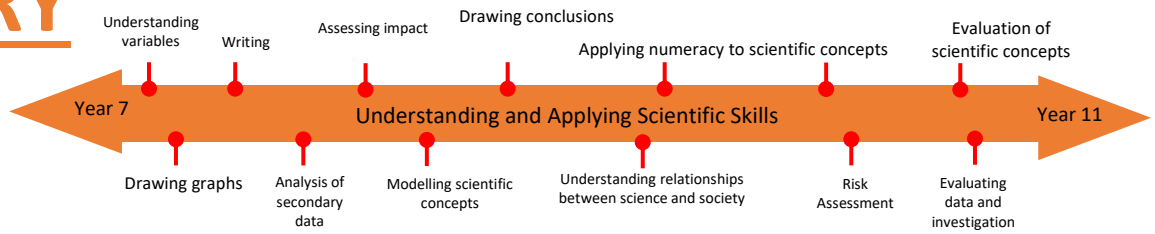
Exchange & transport in animals



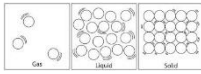
Ecosystems & material cycles



CHEMISTRY



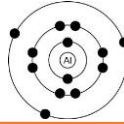
7



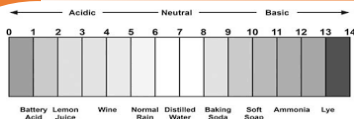
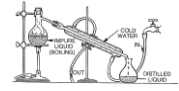
The particle model



Atoms, elements & molecules



Mixtures & separation

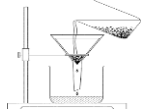


Acids & alkalis

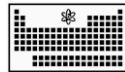
Conservation of mass



8



The periodic table



Combustion



Rocks



9



Metals & their uses

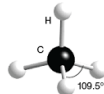
Making materials



Reactivity

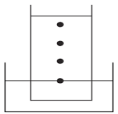


States of matter & mixtures



Key Concepts in Chemistry

10

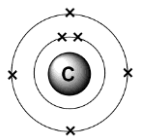


Chemical changes

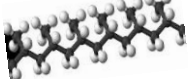


Extracting metals & equilibrium

Separate Chemistry 1



Rates of reaction and energy changes

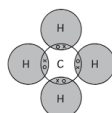


Groups in the Periodic Table

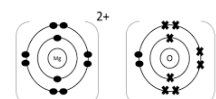
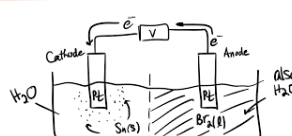
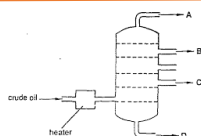


11

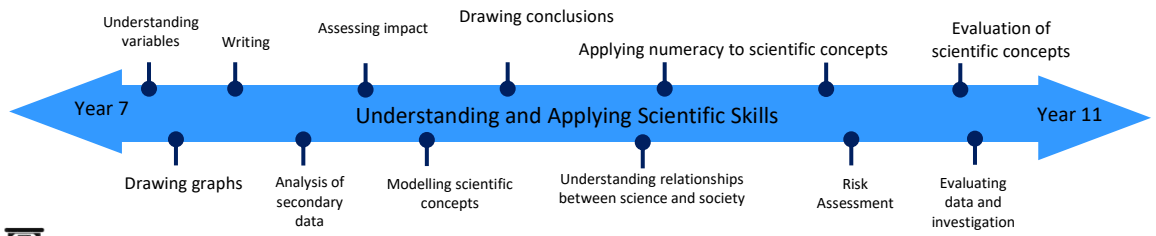
Fuels & Earth Science



Separate Chemistry 2



PHYSICS



7

Energy

Forces

Sound

Current electricity

8

Fluids

Light

Energy transfers

9

Earth & space

Forces & motion

Forcefields & electromagnets

10

Conservation of energy

Motion & forces

Key Concepts in Physics

Waves

Light & the electromagnetic spectrum

Radioactivity

Astronomy

11

Static electricity

Electricity & circuits

Forces & their effects

Energy – Forces doing work

Magnetism & the motor effect

Electromagnetic induction

Particle model

Forces & matter

