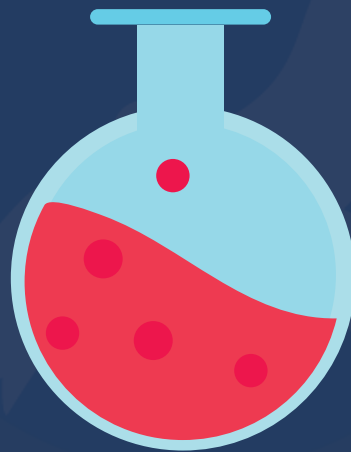




Harrow Way
Community School
Learning for life, success for all



Curriculum Overview

SCIENCE

Science Curriculum Overview

KS3	Autumn Term		Spring Term		Summer Term	
Year 7	Cells / Elements, mixtures and compounds	Forces 1 / systems1 respiration	Acids and alkalis / space	Systems 2 movement and reproduction / Earth and rocks	Energy and matter	
Year 8 future	Interdependence and photosynthesis / forces 2	Element, mixtures and compounds 2 / digestion	Magnetism and electricity / chemical reactions	Inheritance and variation / waves	Environmental chemistry / health and disease	
Year 8 current	Variation and inheritance / forces 1 and space	Mixtures / Systems 4 digestion	Magnetism and electricity / acids and alkalis	Health and disease / waves (recap)	Chemical reactions / systems 3 –plants and interdependence	Forces 2 / materials
Year 9	Atoms and periodic table / matter / cells	/ quantitative chemistry 1 / energy1 / systems (respiration)	systems (heart and health) /electrical circuits / intro to bonding	Rates of reaction / forces 1 / reactivity of metals	mains electricity / eco systems1	Waves / fuels and atmosphere
How can parents help?	Make sure students complete KO properly and self quiz					

Future

KS4	Autumn Term		Spring Term		Summer Term	
Year 10	Ecosystems 2 / bonding and electrolysis / matter 2	Systems – digestion / periodic table / atomic structure	Photosynthesis and plants / acids and bases / circuits - resistance	Immunity and disease / quantitative 2 / energy - equations	Cell division and inheritance / using resources	
Year 11	Homeostasis / organic chemistry / electromagnetism / chem analysis		Variation and evolution / rates and reversible reactions / (Space T) forces / waves recap			
How can parents help?	Revision guides. Make sure Tassomai and KO are completed weekly					

Current

KS4	Autumn Term		Spring Term		Summer Term	
Year 10	Eco systems 1/ circuits	Bonding 2 / immunity	Atoms and radiation / chemical change	Plants and P/S / mains electricity	Quantitative / digestion	atmosphere / organic chemistry
Year 11	Homeostasis / electromagnetism	Organic chemistry / cells and inheritance	Variation and evolution			
How can parents help?						