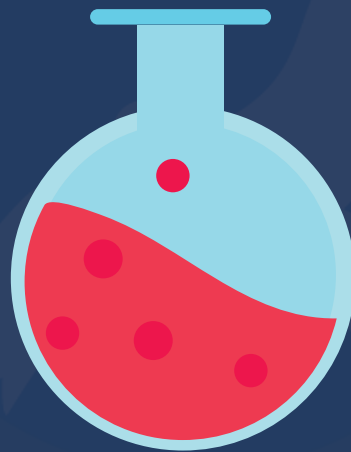




Harrow Way
Community School
Learning for life, success for all



Curriculum Overview

SCIENCE

Science Curriculum Overview

KS4	Rotation 1	Rotation 2	Rotation 3	Rotation 4
Year 7	Introduction	Cells and Organisation / Elements and Periodic Table / Forces	Respiration / Acids and Alkalis / Space	Health / Earth Structure / Energy and Matter / Variation and Plants
Year 8	Interdependence / Mixtures / Forces and Motion	Nutrition / Reactions / Electricity and Magnetism	Inheritance / Environmental Science / Waves	
Year 9 – Teacher 1	Cells 1 / Energy 1 / Atoms and Periodic Table 2	Organisation 2 / Electricity 2 / Quant	Photosynthesis / Particles	
Year 9 – Teacher 2	Atoms and Periodic Table 1 / Organisation 1 / Electricity 1	Bonding / Cells 2 / Energy 2	Acids / Respiration	

Combined Science

KS4	Year 10 – Teacher 1	Year 10 – Teacher 2	Y11
	Atomic Structure	Ecology 1	Homeostasis 2
	Bonding 2	Forces 1	Organic Chemistry
	Infection 1	Quant 2	Atmosphere
	Energy	Infection 2	Electromagnetism
	Ecology 2	Rates	Evolution
	Waves 1	Waves 2	Analysis
	Reactivity		Resources
	Chemical Changes 2		
	Homeostasis 1		
	Forces 2		
	Inheritance		
	Rates 2 (HT only)		

Triple Science

Y10	Biology	Chemistry	Physics
	Ecology	Bonding 2	Atomic Structure
	Infection 1	Energy	Forces 1
	Ecology 2	Quant 2	Waves 1
	Infection 2	Reactivity	Forces 2
	Homeostasis 1	Chemical Changes 2	Waves 2
	Inheritance	Rates 1	Space
		Rates 2	
		Resources	
	Homeostasis 2	Organic Chemistry	Electromagnetism

Y11	Evolution	Atmosphere	
		Analysis	

How can parents help?

1. Ensure your child completes their fortnightly **Educake** quizzes – these assess the 40% of the exam that will be pure ***factual recall***
2. Ensure your child completes their fortnightly **Exam Questions** – these assess the 40% of the exam that will be pure ***application***
3. Use physicsandmathstutor for access to targeted exam question packs - assessing the 40% of the exam that will be pure ***application***
4. Use freesciencelessons for videos on the required practicals (and physicsandmathstutor for exam questions on them) – assessing the 20% of the exam that will be solely on ***required practicals***
5. Buy CGP revision guides for a combination of content and application
6. Use Educake's revision tab for random/targeted recall questions on any topic
7. Use the padlet (tinyurl.com/HWCSScience) for a range of revision resources and 'how to' sections explaining the best revision techniques