CURRICULUM MAP – Year 8

Each topic will cover the key enquiry processes, relevant maths skills and cultural capital. See corresponding schemes of work for more detail.



HT1:	HT2:	A	HT3:	HT4:	A	HT5:	HT6:	FOV Assessment
HIT:	пти:	Assessment	П15:	п14:	Assessment	піэ:	пто:	EOY Assessment Point
INTENT	INTENT		INTENT	INTENT		INTENT	INTENT	Polit
INTENT	INTENT	Assessment 1 –	INTENT	INILINI	Assessment –	IIVILIVI	INTENT	End of Year
Atoms, elements and	<u>Light</u>	interleaved content	Breathing and	The periodic table	interleaved content	Earth and Space	Earth's Atmosphere	Interleaved
<u>molecules</u>	Recap Y7 Sound.	from HT1 and HT2	<u>respiration</u>	Link to atoms and	from HT1 to HT4	Recap Y7 Forces	Recap Y7 energy	
Recap Y7 Particles.	How light waves	and Year 7 content	Recap fit and	elements. How the	AND Year 7 content	Explore how stars	resources. Explore the	assessment
Name elements and	travel and how they		healthy. The	PT is arranged and		and planets have	atmosphere and how	covering content
compounds and	are detected.	Formative	structure and	how this	Formative	formed. Learn about	humans have impacted	from Year 7 and
understand the	Investigating	Assessments to	function of the	arrangement holds	Assessments to	how our ideas of the	on the environment	HT 1 - 6
properties of	reflection and	assess the Enquiry	respiratory system	clues to the	assess the Enquiry	solar system have	and the Earth's	
elements. Use	refraction and what	Processes	and the processes	properties of the	Processes	changed over time.	climate. Evaluate	Formative
symbols and	happens to light	Collecting, recording	involved in the 2	elements in it.	- Describe how	Use models to	causes and effects of	Assessments to
formulae of	when it passes	and presenting data	types of respiration	Explaining why	scientists	explain the	global warming.	assess the Enquiry
elements and	through a prism.	- Describe how to	CC: Importance of	elements in similar	develop an idea	movement of planets	CC: Scientists are	Processes
compounds.	CC: Uses of light	make and record	exercise and the	groups react in	into a question	and moons and why	working hard to	Find a pattern in
CC – Composition of	reflection e.g.	observations and measurements.	impact on your	similar ways.	that can be investigated.	we have years, day	combat climate	data using a
air we breathe	periscopes, reflectors	- Calculate a mean	health. Effect of	CC: Understand the	- Identify	and night, seasons.	change. Limits to the	graph or chart,
Food and Nutrition	on cyclists etc.	from three	smoking on health.	work of historical	independent,	Explain how our solar	use of fossil fuels and	and draw a line of
Recap Y7 Fit and	Refraction links to	repeat	Enquiry – fatigue	scientists.	dependent, and	system and universe	global warming are	best fit on a line
Healthy and Cells.	correction of vision.	measurements.		Enquiry – patterns	control variables.	can be explored.	critical problems for	graph.
Balanced diets and	Enquiry – law of	- Present data	Heating and Cooling	of reactivity	- Suggest ways to	Apply the force	this century.	- Interpret data to draw conclusions
the importance of	reflection	appropriately as	Energy transfers of		investigate	equation for gravity		using scientific
leading a healthy		tables and graphs.	conduction,	<u>Unicellular</u>	different types of enquiry	and know the light	Plants and their	explanations
lifestyle. Why the	Earth and Rocks	grapiis.	convection and	<u>organisms</u>	Describe how to	year as a unit of	<u>reproduction</u>	
body needs specific	How the Earth was		radiation in different	Recap Y7 Cells and	write a plan for	astronomical	Recap animal	Describe the
nutrients. The	formed and the		materials, linking to	Fit and Healthy.	an investigation.	distance	reproduction and	stages in
process of digestion	different structures		particles Y7.	Explore the	- Describe how to	CC: Jodrell Bank.	respiration	evaluating the
and evaluating the varied diets which	within the Earth		CC: Impact of	differenceS between	produce accurate	School visit from	The reproductive cycle	data.
	itself. The rock cycle		insulating your home	multicellular and	and precise data, and reduce	Starchaser	of plants from	- Suggest ways of improving a
we are exposed to in the media.	and rock types. Link		on finances and the	unicellular organisms	experimental	Enquiry – how	pollination to seed	practical
CC: effects of various	to Y7 acids.		environment. Design	including examples	error.	orbital distances	dispersal. Practically	investigation.
diets on the body &	CC: Mining of		of household objects	and link to disease	- Describe a risk	affect year length	investigate plant	
the environment.	building materials.		to reduce / increase	CC: Use of	assessment.	arrect year length	structures and	
Vegan / vegetarian	Sink holes, volcanic		energy transfer. Link	Unicellular	question		functions.	
diets.	eruptions.		to materials and	organisms to			CC: Biodiversity of	
Enquiry – food tests			their uses.	produce foodstuff.			plants in the local	
Linquity – 1000 tests			Enquiry – insulation	Y8 HPV vaccination			areas.	
			investigation					