

KEY Biology Chemistry Physics

HT1:	HT2:	Assessment	HT3:	HT4:	Assessment	HT5:	HT6:	EOY Assessment
								Point
INTENT	INTENT	Every two topics,	INTENT	INTENT	Every two topics,	INTENT	INTENT	End of Year
Atoms, elements	<u>Light</u>	students complete	Breathing and	The periodic table	students complete	Earth and Space	Plants and their	Interleaved
and molecules	Recap Y7 Sound.	a synoptic,	<u>respiration</u>	Recap atoms and	a synoptic,	Recap Y7 Forces	<u>reproduction</u>	assessment
Recap Y7 Particle	How light waves	interleaved	Recap fit and	elements. How the	interleaved	How our Sun and	Recap Y7 animal	covering content
mode.	travel and how	assessment which	<i>healthy.</i> The	PT is arranged and	assessment which	galaxy compare to	reproduction. How	from Year 7 and 8
Name elements,	they are	will assess content	structure and	how this	will assess content	others. How	plants are classified	
compounds and	detected.	from the previous	function of the	arrangement holds	from the previous	seasons, the Earth'	and adapt to survive.	Assess the
understand the	Investigating	two topics and	respiratory	clues to the	two topics and	tilt, day lengths	The reproductive	Enquiry
properties of	reflection and	interleave	system and the	properties of the	interleave	differ depending	cycle of plants from	Processes:
elements. Use	refraction and	questions from	processes	elements in it.	questions from	on hemisphere.	pollination to seed	
symbols and	what happens	topics taught in	involved in the 2	<b>Explaining why</b>	topics taught in	Apply the force	dispersal. Practically	Calculate a mean
formulae of	to light when it	the previous term	types of	elements in similar	the previous term	equation for	investigate plant	from three repeat
elements and	passes through	or year, to	respiration	groups react in	or year, to	gravity and know	structures and	measurements.
compounds. Use a	a prism.	promote long-	Enquiry –	similar ways.	promote long-	the light year as a	functions.	Describe how to
simple atomic model		term memory and	Investigate		term memory and	unit of	Enquiry - Dissecting a	produce accurate
to explain	Enquiry – Law of	retrieval.	aerobic	Enquiry – Patterns	retrieval.	astronomical	flowering plant	and precise data,
conservation of mass	reflection		respiration.	of reactivity		distance	CL – Botanist,	and reduce
CL – Air Pollution	CL - Lighting	Assessments to	CL – Respiratory	CL – Research	Assess the Enquiry	Enquiry – How	Gardener, Farmer	experimental
Control Scientist,	Engineer,	assess the Enquiry	Physiologist,	Chemist	Processes:	orbital distances		error.
Experimental	Photographer,	Processes:	Sports Scientist,		Describe how	affect year length		Evaluating data to
Chemist	Stage	Collecting,	Paramedic	<u>Unicellular</u>	scientists develop	CL – Aerospace	<u>Fluids</u>	suggest ways of
	Performer,	recording and		organisms	an idea into a	Engineer,	Recap Y7 particles	making
	Optometrist	presenting data.	Heating and	Recap Y7 Cells and	question that can	Astronaut,	Model. How pressure	improvements.
Food and Nutrition		Describe how to	Cooling	Fit and Healthy.	be investigated.	Astronomer,	affects solids, liquids	
Recap Y7 Fit and		make	<b>Energy transfers</b>	Explore the	Plan an	Astrobiologist,	and gases. Investigate	
Healthy and Cells.	Earth and Rocks	measurements	of conduction,	differences	investigation	Satellite Engineer	changes of state and	
Balanced diets and	How the Earth	using scientific	convection and	between	identifying the		resistive forces in	
the importance of	was formed and	equipment.	radiation in	multicellular and	variables.	Earth's	fluids. Understand	
leading a healthy	the different	Present data	different	unicellular	Interpret data to	Atmosphere	the anomaly of ice-	
lifestyle. Why the	structures	appropriately as	materials, linking	organisms	find a pattern and	Recap Y7 energy	water transition.	
body needs specific	within the Earth	tables and graphs.	to particles Y7.	including examples	make a conclusion.	resources. Explore	Explain energy in	
nutrients. The	itself. The rock	Make a risk		and link to disease	Draw a line of best	the atmosphere	matter	
process of digestion		assessment.		CL – Pathologist	fit on a line graph.	and how humans		



and evaluating the varied diets which we are exposed to in the media.  Enquiry – Food tests CL – Dietician, Food Scientist	cycle and rock types. Link to Y7 acids. CL – Geologist Glaciologist	Enquiry – Insulation investigation CL – Energy Analyst, Mechanical Engineer		have impacted on the environment and the Earth's climate. Evaluate causes and effects of global warming. CL – Climate Scientist, Energy Analyst	Enquiry – Density, floating and sinking CL - Fluid dynamic engineer, Deep Sea Diver	