

KEY Biology Chemistry Physics

HT1:	HT2:	Assessment	HT3:	HT4:	Assessment	HT5:	НТ6:	EOY Assessment
INTENT	INTENT	Every two topics,	INTENT	INTENT	Every two topics,	INTENT	INTENT	End of Year
Intro to science and	<b>Energy Resources</b>	students	Sexual reproduction in	Metals and Non-	students	Electricity	Ecosystems	assessment –
Health and safety	Describe where	complete a	animals	Metals	complete a	To introduce	Investigate the	interleaved
CL – Health and	our domestic	synoptic,	Learn about the	Pupils will explore	synoptic,	voltage, resistance	impact of	content from the
Safety Advisor, Fire	energy supply	interleaved	reproductive systems	the properties of	interleaved	and current within	changes in a	whole Year 7
Safety Engineer.	comes from and	assessment	in humans.	metals and-non-	assessment	series and parallel	population of	
	compare	which will assess	Understand how the	metals and make	which will assess	circuits.	one organism on	Assessments to
The particle model	different sources	content from the	structure of the male	observations of	content from the		others in the	assess the
Explain that the	of energy.	previous two	and female	metals reacting in	previous two	Enquiry –	ecosystem.	Enquiry
particle model is a		topics and	reproductive organs	acids.	topics and	modelling electric		Processes
concept that	Enquiry – fuel	interleave	are related to		interleave	circuits	Enquiry –	With help,
explains melting,	comparison	questions from	fertilisation, the	Enquiry - exploring	questions from	CL – Electrical	population	calculate a mean
freezing, boiling and	CL - Oil Rig	topics taught in	development of a	the properties of	topics taught in	Engineer,	sampling	of two values.
condensing. Particles	Engineer,	the previous	foetus and birth.	metals and non-	the previous	Electrician.	CL – Ecologist,	Add data to a
are always moving in	Environmental	term or year, to	CL – Midwife,	metals	term or year, to		Ornithologist	graph or chart.
some way	Ecientist,	promote long-	Zookeeper, Zoologist,	CL – Metallurgist	promote long-			State how to
depending on their	Chemical Analyst,	term memory	Vet		term memory	Mixtures and	Sound	evaluate data
kinetic energy.	Climate Change	and retrieval.		Muscle and Bones	and retrieval.	<u>separations</u>	Describe how	and identify
CL – Chocolatier	Scientist,		Forces	Understand the		Recap knowledge	sound is	experimental
	Renewable	Assessments to	Pupils will explore	effects of	Assessments to	of solids, liquids	produced and	errors. Suggest
Cells and	Energy	assess the	different forces and	recreational drugs	assess the	and gases and	how a sound	one improvement
<u>organisation</u>	Researcher	Enquiry	their effects.	(including	Enquiry	apply this to	wave transfers	to an
Know the structure		Processes		substance misuse)	Processes	separating	energy.	investigation.
and function of cells.	Acids and alkalis	State what is	Enquiry – friction and	on behaviour,	Plan and	techniques.	<b>Understand how</b>	
Explore how these	<b>Explore everyday</b>	meant by a risk	surfaces	health and life	investigation		the structure of	
cells were first	acids and alkalis	assessment.	CL – Racing engineer,	processes. Disease	identifying the	Enquiry –	the ear allows	
discovered and	and how to	List what should be	Astronaut, Architect,	and vaccination.	variables. Record	separation of sand	sound to be	
described and be	identify them. To	included in a	Aerospace Engineer,	Muscles and the	data.	and salt	heard.	
able to relate the	use lab acids and	conclusion.	Marine Engineer,	skeleton	State what is	CL – Alcohol	Enquiry –	
structures to	bases and know		Sports Equipment	CL – Sports	meant by a line of	Producer (Brewer),	soundproofing	
function.	their use in		Designer	Scientist,	best fit.	Forensic Scientist	CL – Sound and	
Enquiry –	reactions.			Physiotherapist			Acoustic Engineer	
preparation of a								



cheek cell and onion cell slide. CL – Microbiologist	Enquiry – antacid investigation CL – Forensic Scientist, Lab Technician				