

Year 9 Science - Curriculum Map 2024-25

	1	2	3
Year 9 Biology	Topic title: B1 - Cell structure	Topic title: B2 – Cell division	Topic title: B1 – Transport of substances
	Big Questions: What are cells and what are their functions?	Big Questions: How do cells divide by mitosis and why is cell division important?	Big Questions: How do substances get in and out of cells?
	Assessment AUTUMN TERM Practice exam questions from units in most recent teaching block.	Assessment SPRING TERM Practice exam questions from units in most recent teaching block.	Assessment SUMMER TERM Practice exam questions from units in most recent teaching block.

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	1	2	3	4	5
Year 9 Chemistry	Topic title: C1 - Atomic structure	Topic title: C10 – Chemical analysis	Topic title: C3 – Structure and bonding	Topic title: C2 – The periodic table	Topic title: C4 – Chemical calculations
	Big Questions: What are atoms and how do they interact with each other?	Big Questions: How can we use chemical tests to identify chemical substances?	Big Questions: How do different atoms bond to each other?	Big Questions: How is the periodic table laid out, and why does this layout explain trends in reactions?	Big Questions: How can we use atomic formula to calculate chemical equations?
	Assessment AUTUMN TERM Practice exam questions from units in most recent teaching block.	Assessment	Assessment SPRING TERM Practice exam questions from units in most recent teaching block.	Assessment	Assessment SUMMER TERM Practice exam questions from units in most recent teaching block.

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	1	2	3
Year 9 Physics	Topic title: P1 Conservation of energy	Topic title: P2 Energy Transfer by heating	Topic title: P3 Energy resources
	Big Questions: How is energy Transferred and stored?	Big Questions: How is thermal energy transferred, and how can this be controlled?	Big Questions: What energy sources are there, and how do we make the right choices for our future?
	Assessment AUTUMN TERM Practice exam questions from units in most recent teaching block.	Assessment SPRING TERM Practice exam questions from units in most recent teaching block.	Assessment SUMMER TERM Practice exam questions from units in most recent teaching block.