

Curriculum Map – Science Year 9

	1	2	3	4	5	6		
Y9 Biology	Topic Title Cell structure	Topic Title Cell division	Topic Title Transport of substances	Topic Title Organisation and the digestive system.	Topic Title organising animals	Topic Title Communicable diseases	Topic Title Preventing and treating disease	Topic Title Non-Communicable diseases
	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?	Big Questions: What is the structure and function of the digestive system?	Big Questions: What is the structure and function of the heart and lungs?	Big Questions: What causes communicable diseases and how are they spread?	Big Questions: How are diseases prevented and treated?	Big Questions: What are non-communicable diseases and how do they affect our health?
Assessment	AUTUMN TERM Practice exam questions from units in most recent teaching block.		SPRING TERM Practice exam questions from units in most recent teaching block.		SUMMER TERM Practice exam questions from units in most recent teaching block.			

	1	2	3	4
Y9 Chemistry	Topic Title Atomic structure	Topic Title Chemical analysis	Topic Title Structure and bonding	Topic Title The periodic table
	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?
Assessment	AUTUMN TERM Practice exam questions from units in most recent teaching block.	SPRING TERM Practice exam questions from units in most recent teaching block.		SUMMER TERM Practice exam questions from units in most recent teaching block.

Curriculum Map – Science Year 9

	1	2	
Y9 Physics	Topic Title Conservation of energy	Topic Title Energy Transfer by heating	Topic Title 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.	SPRING TERM Practice exam questions from units in most recent teaching block.	SUMMER TERM Practice exam questions from units in most recent teaching block.