

## Curriculum Map – Science Year 10

	1	2	
Y10 Biology	<b>Topic Title</b> Organising animals and plants	<b>Topic Title</b> Photosynthesis	
	<b>Big Questions:</b> How are the structures of plant tissues related to their functions?	<b>Big Questions:</b> How do different factors affect the rate of photosynthesis?	
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 Biology mock exam 1 hour and 15 minutes Paper 1 content

## Curriculum Map – Science Year 10

Y10 Chemistry	<b>Topic Title</b> Chemical calculations	<b>Topic Title</b> Chemical changes	<b>Topic Title</b> Electrolysis	<b>Topic Title</b> Energy changes	<b>Topic Title</b> Rates and equilibrium
	<b>Big Questions:</b> How can we use atomic formula to calculate chemical equations?	<b>Big Questions:</b> How can we make and prepare pure, dry samples of salts?	<b>Big Questions:</b> How do we split up ionic compounds using electricity?	<b>Big Questions:</b> Why do chemical reactions always involve transfers of energy?	<b>Big Questions:</b> What factors affect the rate of a chemical reaction?
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 Chemistry mock exam 1 hour and 15 minutes Paper 1 content		

	1	2			
--	---	---	--	--	--

## Curriculum Map – Science Year 10

Y10 Physics	<b>Topic Title</b> Electric circuits	<b>Topic Title</b> Electricity in the home	<b>Topic Title</b> Molecules and matter	<b>Topic Title</b> Radioactivity	<b>Topic Title</b> Forces In balance
	<b>Big Questions:</b> How does current, voltage, and resistance behave in different types of circuits?	<b>Big Questions:</b> How is electricity generated, and how is it used in the home.	<b>Big Questions:</b> How do particles interact and how does this influence the properties of materials.	<b>Big Questions:</b> What are the three types of nuclear radiation, how they are formed, used and managed?	<b>Big Questions:</b> What are forces and how do they interact?
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 Physics mock exam 1 hour and 15 minutes Paper 1 content		