



# ST CATHERINE'S COLLEGE

A CHURCH OF ENGLAND ACADEMY

Learning overview for : Science			Year group: 9	
Term	Key topics / scheme of work	What most pupils will learn (Prior assessment may alter starting point & content)	Key skills used	How will this learning be assessed?
Terms 1 and 2	Cells The Periodic Table Energy	B – Types of cells, microscopy, cell specialisation and stem cells. Photosynthesis. C – Atoms, elements, compounds. The Earth's Resources including drinking water. P – Energy stores and transfers and efficiency. Density and states of matter. Thermal insulation and insulating a house.	Models, Investigative Skills, Using Equations. Graph Drawing	Educake Homework tasks, Extended Writing Tasks and Core Assessments
Terms 3 and 4	Organisation Bonding Electricity part 1	B – Enzymes and Digestion C – Structure and properties of materials P – Wiring a plug, domestic electricity, power and the National Grid.	Models, Investigative Skills, Using Equations. Graph Drawing	Educake Homework tasks, Extended Writing Tasks and Core Assessments
	Infection Chemical Changes	B – The immune system. Cancer and communicable diseases. C - Chemical Reactions, Displacement, Electrolysis P – Current, Voltage, Circuits, Energy, Work and Power	Models, Investigative Skills, Using Equations. Graph Drawing	Educake Homework tasks,





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Terms 5 and 6	Electricity part 2			Extended Writing Tasks and Core Assessments
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