

Subject: Science Faculty: Science Year Group: 7			
EXCELLING (-, =, +)			
	All of the secure criteria plus: Compare animal and plant cells. Explain the motion of particles using diffusion.	All of the secure criteria plus: Predict outcomes of circuits when presented in diagram. Describe the stages of the menstrual cycle.	All of the secure criteria plus: Name salts produced in neutralisation reactions. Interpret a predator prey cycle
SECURE			
	Autumn Term	Spring Term	Summer Term
	Assessment strategy: Mini assessments End of term test	Assessment strategy: Mini assessments End of term test	Assessed strategy: End of year examination
Pillar 4 Working scientifically	Identifying risks and hazards. Describe how to reduce risks in a lab.	Everything from term 1 plus: Present data using appropriate methods (graphs) Interpret data to draw a conclusion.	Everything from terms 1 and 2 plus: Select equipment, plan and carry out an experiment. Identify independent, dependent and control variables Use appropriate techniques and apparatus during laboratory work.
Pillar 3 Physics	Identify energy stores and transfers. Describe conservation of energy.	Everything from term 1 plus: Identify circuits as series and parallel. Describe current and potential difference in series and parallel circuits.	Everything from terms 1 and 2 plus: Identify size and direction of resultant force. Identify forces involved in a system.
Pillar 2 Chemistry	Identify solids, liquids and gases from particle model diagrams. Describe the properties of solids, liquids and gases.	Everything from term 1 plus: State ways we can separate different mixtures Describe which method would be most appropriate for separating mixtures.	Everything from terms 1 and 2 plus: Use the pH scale to identify substances as acid, alkali or neutral. Describe neutralisation using a word equation.
Pillar 1 Biology	Identify the main subcellular structures in a plant and animal cell Describe the function of the subcellular structures.	Everything from term 1 plus: Name and describe the function of the parts of the male and female reproductive system. Describe the process of fertilisation	Everything from terms 1 and 2 plus: Construct a food chain and identify key organisms. Describe the effect of biotic and abiotic factors on population sizes.
DEVELOPING (-, =, +)			
	Not yet secure with all of the criteria set out for the term.		