



7	Knowledge	Tier 2 Vocabulary	Skills	Assessment
Autumn 1	<p>Lab safety and Scientific method</p> <p>Particle model</p> <p>Acids and alkalis</p>	<p>Hazard</p> <p>Observe</p> <p>Predict</p>	<p>Asking Scientific questions,</p> <p>Identifying variables,</p> <p>Making a hypothesis,</p> <p>Method writing,</p> <p>Writing risk assessments</p>	50 mark end of term assessment
Autumn 2	<p>Movement</p> <p>Cells</p> <p>Scientific method writing</p>			50 mark end of term assessment
Spring 1	<p>Earth Science</p> <p>The Universe</p> <p>Science week</p>	<p>Calculate</p> <p>Interpret</p> <p>Accurate</p> <p>Describe</p>	<p>Accurate & precise measuring,</p> <p>Handling different types of data,</p> <p>Calculating averages,</p> <p>Plotting bar, pie and line graphs</p>	50 mark end of term assessment
Spring 2	<p>Speed</p> <p>Potential difference and resistance</p> <p>Displaying data: tables and graphs</p>			50 mark end of term assessment
Summer 1	<p>Energy costs</p> <p>Energy transfer</p> <p>Sound</p> <p>Writing conclusions and evaluations</p>	<p>Dissipate</p> <p>Adolescent</p> <p>Interdependent</p> <p>Explain</p> <p>Conclude</p>	<p>Analysing data and graphs,</p> <p>Writing conclusions,</p> <p>Evaluating data,</p> <p>Calculating data spreads,</p> <p>Identifying errors and uncertainties</p>	50 mark end of term assessment
Summer 2	<p>Interdependence</p> <p>Variation</p> <p>Human reproduction</p>			50 mark end of term assessment



8	Knowledge	Tier 2 Vocabulary	Skills	Assessment
Autumn 1	<p>Separating mixtures Elements Metals and non-metals</p>	<p>Hypothesis Observe Predict Hazard</p>	<p>Asking Scientific questions, Identifying variables, Making a hypothesis, Method writing, Writing risk assessments</p>	50 mark end of term assessment
Autumn 2	<p>Breathing Digestion Scientific method writing</p>			50 mark end of term assessment
Spring 1	<p>Climate Respiration Photosynthesis Science week</p>	<p>Calculate Interpret Accurate Describe</p>	<p>Accurate & precise measuring, Handling different types of data, Calculating averages, Plotting bar, pie and line graphs</p>	50 mark end of term assessment
Spring 2	<p>Gravity Forces Current Magnets Displaying data: tables and graphs</p>			50 mark end of term assessment
Summer 1	<p>Light Work Heating and cooling Wave properties and effects</p>	<p>Oscillate Analyse Explain Conclude</p>	<p>Analysing data and graphs, Writing conclusions, Evaluating data, Calculating data spreads, Identifying errors and uncertainties</p>	50 mark end of term assessment
Summer 2	<p>Plant reproduction Inheritance Evolution</p>			50 mark end of term assessment



9	Knowledge	Tier 2 Vocabulary	Skills	Assessment
Autumn 1	<p>Periodic table</p> <p>Chemical reactions</p> <p>Chemical energy</p>	<p>Hypothesis</p> <p>Variable</p> <p>Catalyst</p>	<p>Asking Scientific questions,</p> <p>Identifying variables,</p> <p>Making a hypothesis,</p> <p>Method writing,</p> <p>Writing risk assessments</p>	50 mark end of term assessment
Autumn 2	<p>Cell structure and transport</p> <p>Cell division</p> <p>Scientific method writing</p>			50 mark end of term assessment
Spring 1	<p>Earth resources</p> <p>Energy resources</p> <p>Science week</p>	<p>Climate</p> <p>Finite</p> <p>Calculate</p> <p>Describe</p> <p>Explain</p> <p>Accurate</p>	<p>Accurate & precise measuring,</p> <p>Handling different types of data,</p> <p>Calculating averages,</p> <p>Plotting bar, pie and line graphs</p>	50 mark end of term assessment
Spring 2	<p>Pressure</p> <p>Electromagnets</p> <p>Displaying data: tables and graphs</p>			50 mark end of term assessment
Summer 1	<p>Conservation of energy</p> <p>Energy transfer</p>	<p>Dissipate</p> <p>Kinetic</p> <p>Interdependence</p> <p>Analyse</p> <p>Conclude</p>	<p>Analysing data and graphs,</p> <p>Writing conclusions,</p> <p>Evaluating data,</p> <p>Calculating data spreads,</p> <p>Identifying errors and uncertainties</p>	50 mark end of term assessment
Summer 2	<p>Adaptation, interdependence, and competition</p> <p>Ecosystems and biodiversity</p>			50 mark end of term assessment