Science

St. Ethelbert's RCP

Progression of Skills – Year 1

Year 1	Seasonal Changes	Animals, including Humans	Plants	Exploring Everyday Materials
Asking simple questions and recognise that they can be answered in different ways				
Observe closely, using simple equipment				
Perform simple tests				
Identify and classify				
Using their observations and ideas to suggest answers to questions				
Gather and record data to help in answering questions				

Progression of Skills – Year 2

Year 2	Animals, including Humans	Uses of Everyday Materials	Living Things & their Habitats	Plants
Asking simple questions and recognise that they can be answered in different ways				
Observe closely, using simple equipment				
Perform simple tests				
Identify and classify				
Using their observations and ideas to suggest answers to questions				
Gather and record data to help in answering questions				

Progression of Skills – Year 3

Year 3	Rocks	Animals, including Humans	Light & Dark	Forces & Magnets	Plants
Ask relevant questions and using different types of scientific enquiries to answer them					
Set up simple practical enquiries, comparative and fair tests					
Make systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers					
Gather, record, classify and present data in a variety of ways to help in answering questions					
Record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables					
Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions					

Use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions					
Identify differences, similarities or changes related to simple scientific ideas and processes					
Use straightforward scientific evidence to answer questions or to support their findings					

Progression of Skills – Year 4

Year 4	Animals, including Humans	Electricity	Living Things & their Habitats	Sound	States of Matter
Ask relevant questions and using different types of scientific enquiries to answer them					
Set up simple practical enquiries, comparative and fair tests					
Make systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data					

loggers					
Gather, record, classify and present data in a variety of ways to help in answering questions					
Record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables					
Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions					
Use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions					
Identify differences, similarities or changes related to simple scientific ideas and processes					
Use straightforward scientific evidence to answer questions or to support their findings					

Progression of Skills – Year 5

Year 5	Properties & changes of Materials	Living Things & their Habitats	Animals, including Humans	Earth & Space	Forces
Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary					
Take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate					
Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs					
Use test results to make predictions to set up further comparative and fair tests					
Report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations					

Identify scientific evidence that has been used to support or refute ideas or arguments					

Progression of Skills – Year 6

Year 6	Living Things & their Habitats	Evolution & Inheritance	Animals, including Humans	Electricity	Light
Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary					
Take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate					
Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs					
Use test results to make predictions to set up further comparative and fair tests					

Report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations					
Identify scientific evidence that has been used to support or refute ideas or arguments					