Science

Progression of Skills

EYFS - Year 6

Progression of Skills Document

Year 1	Seasonal Changes	Animals, including humans 1 - All about me	Everyday Materials 1 - Exploring Everyday Material	Everyday Materials 2 - Building Unit	Plants	Animals including humans 2 - All about animals
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 Document

Year 2	Use of everyday materials	Living things and their habitats	Living things and their habitats - Habitats around the world	Animals, including humans 1 – Health and survival	Animals, including humans 2 – Life cycles	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 Document

Year 3	Scientific Enquiry	Animals, including humans	Rocks	Forces and magnets	Plants	Light
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 taking accurate measurements using standard units, using a range of equipment						
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 Document

Year 4	Animals, including humans	Living things and their habitats	Living things and their habitats - Conversation	States of matter	Sound	Electricity
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						
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						

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Year 5	Forces	Properties of materials	Changes of materials	Animals, including humans	Earth and space	Living things and their habitats
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						
Identify scientific evidence that has been used to support or refute ideas or arguments						

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Year 6	Electricity	Light	Animals, including humans	Living things and their habitats	Evolution and inheritance	Looking after the environment
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						
Identify scientific evidence that has been used to support or refute ideas or arguments						