



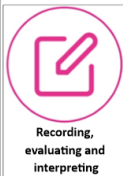
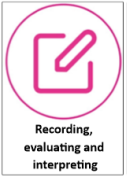

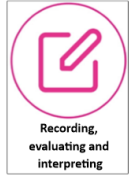
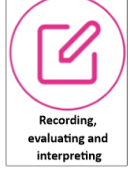


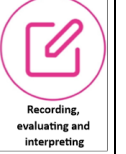

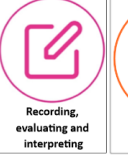











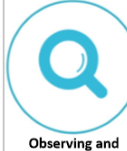
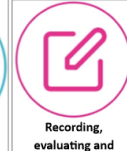
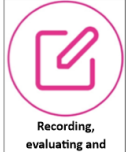

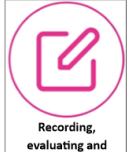
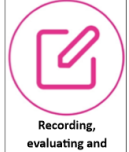


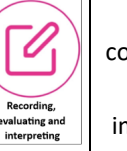

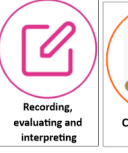
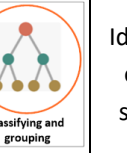











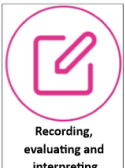





Scientific Skills		Year 1 Units					
		 Seasonal Changes	 Animals, including humans 1 – All about me	 Everyday Materials 1 – Exploring Everyday Materials	 Everyday Materials 2 – Building Unit	 Plants	 Animals, including humans 2 – All about animals
 Questioning	Asking simple questions and recognise that they can be answered in different ways						
 Observing and measuring	Observe closely, using simple equipment						
 Fair testing	Perform simple tests						
 Classifying and grouping	Identify and classify						
 Recording, evaluating and interpreting	Using their observations and ideas to suggest answers to questions						
 Recording, evaluating and interpreting	Gather and record data to help in answering questions						

Scientific Skills		Year 2 Units					
		 Uses 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
 Questioning	Asking simple questions and recognise that they can be answered in different ways						
 Observing and measuring	Observe closely, using simple equipment						
 Fair testing	Perform simple tests						
 Classifying and grouping	Identify and classify						
 Recording, evaluating and interpreting	Using their observations and ideas to suggest answers to questions						
 Recording, evaluating and interpreting	Gather and record data to help in answering questions						

Scientific Skills		Year 3 Units					
		Scientific Enquiry	Animals, including humans	Rocks	Forces and magnets	Plants	Light
 Questioning  Fair testing	Ask relevant questions and using different types of scientific enquiries to answer them						
 Fair testing	Set up simple practical enquiries, comparative and fair tests						
 Observing and measuring  Recording, evaluating and interpreting	Make systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers						
 Recording, evaluating and interpreting  Classifying and grouping	Gather, record, classify and present data in a variety of ways to help in answering questions						
 Recording, evaluating and interpreting	Record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables						
 Recording, evaluating and interpreting	Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions						
 Questioning  Predicting  Recording, evaluating and interpreting	Use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions						
 Questioning  Recording, evaluating and interpreting  Classifying and grouping	Identify differences, similarities or changes related to simple scientific ideas and processes						
 Research using secondary sources	Use straightforward scientific evidence to answer questions or to support their findings						

Scientific Skills		Year 4 Units					
		 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, 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						

Scientific Skills		Year 5 Units					
		 Forces	 Properties of materials	 Changes of materials	 Animals, including humans	 Earth and space	 Living things and their habitats
 Questioning  Fair testing	Plan different types of scientific enquiries to answer questions, including recognizing and controlling variables where necessary						
 Observing and measuring	Take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate						
 Observing and measuring  Recording, evaluating and interpreting  Classifying and grouping	Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs						
 Predicting  Fair testing	Use test results to make predictions to set up further comparative and fair tests						
 Recording, evaluating and interpreting	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						
 Research using secondary sources	Identify scientific evidence that has been used to support or refute ideas or arguments						

Scientific Skills		Year 6 Units					
		 Electricity	 Light	 Animals, including humans	 Living things and their habitats	 Evolution and inheritance	 Looking after the environment
 Questioning  Fair testing	Plan different types of scientific enquiries to answer questions, including recognizing and controlling variables where necessary						
 Observing and measuring	Take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate						
 Observing and measuring  Recording, evaluating and interpreting  Classifying and grouping	Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs						
 Predicting  Fair testing	Use test results to make predictions to set up further comparative and fair tests						
 Recording, evaluating and interpreting	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						
 Research using secondary sources	Identify scientific evidence that has been used to support or refute ideas or arguments						