SKILLS PROGRESSION GRID

SCIENCE

	UNIT							
YEAR	1	2	3	4	5	6		
1	4: identify and classify - com features and decide how to 5: use observations and idea questions - experience different types including practical activities	npare living things by simple sort and group them as to suggest answers to of scientific enquiries,	2: observe closely, using simple equipment - begin to use simple scientific language	1: ask simple questions and recognise that they can be answered in different ways - use simple secondary sources to find answers	3: perform simple tests - with guidance, begin to notice patterns and relationships.	 6: gather and record data to help in answering questions. record and communicate findings in a range of ways 		
2	 5: use observations and ideas to suggest answers to questions use simple secondary sources to find answers. 6: gather and record data to help in answering questions. talk about what they have found out and how they found it out. 		1: ask simple questions and recognise that they can be answered in different ways - with guidance, they should begin to notice patterns and relationships.	4: identifying and classifying - with help, they should record and communicate their findings in a range of ways	2: observe closely, using simple equipment - use simple measurements and equipment to gather data, carry out simple tests and record data	3: perform simple tests - begin to use simple scientific language - experience different types of scientific enquiries, including practical activities		
3	 3: Make systematic and careful observations. 5: Record findings using labelled diagrams. 7: Using results to draw simple conclusions, suggest improvements and raise further questions 	 Ask relevant questions and using different types of scientific enquiries to answer them Record findings using Labelled diagrams. Identifying differences, similarities or changes related to simple scientific ideas and processes 	4: Gather and record data 6: Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions	 2: Set up simple practical enquiries, comparative and fair tests 3: Take accurate measurements using standard units, using a range of equipment 5: Record findings using bar charts, and tables 	 2: Set up simple and practical enquiries. 5: Record findings using labelled diagrams. 7: Make predictions for new values 9: Use straightforward scientific evidence to answer questions or to support findings. 	 3: Make systematic and careful observations. 5: Record findings using labelled diagrams. 7: Using results to draw simple conclusions, suggest improvements and raise further questions 		
4	 3: take accurate measurements including data loggers 5: Record findings using simple scientific language and diagrams. 6: Report on findings from enquiries, including displays or presentations of results and conclusions 	 4: Gather, record and presenting data in a variety of ways to help in answering questions 7: Make predictions for new values, suggest improvements and raise further questions 9: Use straightforward scientific evidence to answer questions or to support their findings. 	 Ask relevant questions and use different types of scientific enquiries to answer them Classify data in a variety of ways to help in answering questions Record findings using drawings. Use results to draw simple conclusions Identify differences, similarities related to simple scientific ideas and processes. 		3: Make systematic and careful observations and, where appropriate, take accurate measurements using standard units, using a range of equipment 5: Record findings using keys, bar charts, and tables	 2: Set up simple practical enquiries 2: Set up fair tests. 6: Report on findings from enquiries, including oral and written explanations 		

	1: plan different types of	2: take measurements,	3: record data and results	3: record data and results	1: plan different types of	1: plan different types of
5	scientific enquiries to	using a range of scientific	of increasing complexity	of increasing complexity	scientific enquiries to	scientific enquiries to answer
	answer questions,	equipment, with	using classification keys,	using line graphs	answer questions,	questions, including
	including recognising and	increasing accuracy and	tables	6: identify scientific	including recognising and	recognising and controlling
	controlling variables	precision, taking repeat	6: identify scientific	evidence that has been	controlling variables	variables where necessary
	where necessary	readings when	evidence that has been	used to support or refute	where necessary	2: take measurements, using
	4: use test results to make	appropriate	used to support or refute	ideas or arguments.	3: record data and results	a range of scientific
	predictions to set up	5: report and present	ideas or arguments.		of increasing complexity	equipment, with increasing
	further	findings from enquiries,	5: report and present		using scientific diagrams	accuracy and precision,
	comparative and fair	including causal	findings from enquiries,		and labels	taking repeat readings when
	tests	relationships in written	including conclusions, in			appropriate
		forms	written forms such as			
			presentations			
		6: identify scientific	1: plan different types of	1: plan different types of	2: take measurements,	3: record data and results of
		evidence used to support	scientific enquiries to	scientific enquiries to	using a range of scientific	increasing complexity using
		or refute ideas or	answer questions,	answer questions,	equipment, with	scientific diagrams and labels
		arguments.	including recognising and	including recognising and	increasing accuracy and	6: identify scientific evidence
		5: report and present	controlling variables	controlling variables	precision, taking repeat	that has been used to
6		findings from enquiries,	where necessary	where necessary	readings when	support or refute ideas or
		including conclusions and	4: use test results to make	2: take measurements,	appropriate	arguments.
		explanations of and	predictions to set up	using a range of scientific	3: record data and results	
		degree of trust in results,	further comparative and	equipment, with	of increasing complexity	
		in oral and written forms	fair tests	increasing accuracy and	using tables	
		such as displays and other		precision, taking repeat		
		presentations		readings when		
				appropriate		