



Dovedale Primary School

Skills Progression

Science



EYFS			
Plan	Do	Record	Review
<ul style="list-style-type: none"> choose the resources they need for their chosen activities and say when they do or don't need help 	<ul style="list-style-type: none"> know about similarities and differences in relation to places, objects, materials and living things make observations of animals and plants explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. select and use technology for particular purposes 	<ul style="list-style-type: none"> represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role play and stories 	<ul style="list-style-type: none"> talk about the features of their own immediate environment and how environments might vary from one another explain why some things occur and talk about changes
KS1			
Plan	Do	Record	Review
<ul style="list-style-type: none"> ask simple questions and recognising that they can be answered in different ways 	<ul style="list-style-type: none"> observe closely, using simple equipment perform simple tests identify and classify 	<ul style="list-style-type: none"> gather and record data to help in answering questions. 	<ul style="list-style-type: none"> use their observations and ideas to suggest answers to questions
LKS2			
Plan	Do	Record	Review
<ul style="list-style-type: none"> ask relevant questions and using different types of scientific enquiries to answer them set up simple practical enquiries, comp 	<ul style="list-style-type: none"> make systematic and careful observations and, where appropriate, take accurate measurements using standard units, use a range of equipment, including 	<ul style="list-style-type: none"> gather, record, classify and present data in a variety of ways to help in answering questions record findings using simple scientific language, drawings, labelled 	<ul style="list-style-type: none"> 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



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	thermometers and data loggers	diagrams, keys, bar charts, and tables	<p>for new values, suggest improvements and raise further questions</p> <ul style="list-style-type: none"> • identify differences, similarities or changes related to simple scientific ideas and processes • use straightforward scientific evidence to answer questions or to support their findings
UKS2			
Plan	Do	Record	Review
<ul style="list-style-type: none"> • plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary 	<ul style="list-style-type: none"> • take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate 	<ul style="list-style-type: none"> • record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs 	<ul style="list-style-type: none"> • 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