










This table shows the progression of skills over the year groups, from Early Years to end of KS2 for Science - Working scientifically.

NEWBOLD SCHOOL SKILLS PROGRESSION SCIENCE EYFS - YEAR 6			
EYFS	Year 1-2	Year 3-4	Year 5-6
Being curious and starting to ask questions 	Asking questions Using books, videos, the internet, people and photos to find answers	Asking relevant questions Recognising when to use other sources of information to find answers	Using scientific knowledge to ask questions Recognising when to use other sources to answer questions and separating opinion from fact
Performing simple tests and using equipment 	Performing simple tests and using equipment Saying why a test is fair	Setting up enquiries and choosing equipment Setting up fair tests (with help)	Planning different types of enquiry controlling variables where necessary
Using senses to observe and look closely 	Observing and measuring	Carefully observing and accurately measuring	Accurately taking measurements using scientific equipment
Making simple records of what I notice or how things change 	Recording information	Choosing how to record information e.g. tables, tally charts, Venn and Carroll diagrams and bar charts	Recording data, taking repeat measurements where necessary and calculating a mean
Talking about what I have done and noticed 	Explaining results- saying what we found out. Using observations/ideas to suggest answers to questions	Explaining results- drawing conclusions and using results	Using scientific language to draw conclusions Evaluating plans and results and suggesting improvements

<p>Sorting and matching things</p> 	<p>Sorting and grouping</p>	<p>Looking for patterns; identifying and classifying</p>	<p>Using and developing keys to identify and classify living things and materials</p>
<p>Finding things that are similar or different.</p> 	<p>Looking for patterns</p>	<p>Identifying differences, similarities/changes related to simple scientific ideas/processes</p>	<p>Use/ develop keys and other information records to identify, classify and describe living things and materials, and identify patterns found in the natural environment</p>