

Working Scientifically – Alverton Skills Progression Pre Key Stage 1

Plan	Do	Review
Identifying, Classifying and grouping		
<p>I am curious about similarities and differences.</p> <p>With help I ask questions about similarities and differences.</p> <p>I talk about my ideas for sorting or matching things.</p>	<p>I use my senses to sort and match things.</p> <p>I match things that are the same.</p> <p>I find things that are similar or different.</p> <p>I sort or group things in my own way.</p> <p>I use simple equipment to help me sort things (e.g. boxes, hoops, baskets)</p>	<p>I talk about how I sorted or matched things.</p>
Observing over time		
<p>I am curious about things that change.</p> <p>With help I ask questions about things changing.</p> <p>I talk about my ideas for finding out how things change.</p>	<p>I use all my senses to observe changes.</p> <p>I look closely at how things change.</p> <p>I make simple records of how things change (with help where necessary).</p> <p>I use simple equipment to observe and record changes.</p>	<p>I talk about the change I observed.</p>
Pattern seeking		
<p>I am curious about patterns.</p> <p>With help, I ask questions about patterns.</p> <p>I talk about my ideas for finding out about patterns.</p>	<p>I use my senses to look closely for patterns.</p> <p>I observe more than one thing at a time.</p> <p>I make simple records of what I notice (with help where necessary).</p> <p>I use simple equipment to observe and record patterns.</p>	<p>I talk about what I have done and the patterns I noticed.</p>
Research using secondary sources		
<p>I am curious about things in my surroundings.</p> <p>With help, I ask questions that I can answer using secondary sources.</p>	<p>I listen carefully.</p> <p>I know that information in books and electronic media can be used to answer questions.</p> <p>I find pictures of things that I am curious about.</p> <p>I talk to people about what they do and how things work.</p>	<p>I talk about things I found out.</p>
Comparative and fair testing		
<p>I am curious about how things behave.</p> <p>With help, I ask questions about things I can test.</p> <p>I talk about my ideas for testing how things behave.</p>	<p>I use my senses to look closely at how things behave.</p> <p>I carry out simple tests (with help where necessary).</p> <p>I make simple records of what I notice (with help where necessary).</p> <p>I use simple equipment to observe and record.</p>	<p>I talk about what I have done and what I have noticed.</p>