



**Warren Wood
Progression Grid**



**Science Skills and Knowledge
Working Scientifically/COEL**

Expected by the End of Year Reception

Asking questions

Question why things happen
Show curiosity about objects, events and people
Engage in open-ended activities
Use senses to explore the world around them
Initiating activities/seeking challenge

Measuring and Recording

Finding new ways to solve problems/finding new ways to do things
Choosing the resources they need for chosen activity
Taking a risk and learning by trial and error
Making predictions/planning/testing their ideas

Concluding

Making links and noticing patterns in their experience
Checking how well their activities are going/changing strategy if needed
Developing ideas of grouping, sequencing, cause and effect

Evaluating

Showing a 'can do' attitude
Being proud of how they accomplished something – not just the end result
Reviewing how well the approach worked



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Science Skills and Knowledge Expected by the End of Reception	
Communication and Language	Personal, Social and Emotional Development
<p>Listening, Attention and Understanding</p> <p>Make comments about what they have heard and ask questions to clarify their understanding</p> <p>Speaking</p> <p>Offer explanations for why things might happen, making use of recently introduced vocabulary</p>	<p>Managing Self</p> <p>Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices</p>
Understanding the World	Expressive Arts and Design
<p>The Natural World</p> <p>Explore the natural world around them, making observations and drawing pictures of animals and plants</p> <p>Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class</p> <p>Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter</p>	<p>Creating with Materials</p> <p>Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function</p>



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