

Progression of Enquiry Skills from EYFS to Key Stage One.

EYFS	Key Stage 1
Show curiosity about objects, events and people. Playing and exploring. Questions why things happen (SPEAKING; 30-50 Months)	Explore the world around them and raise their own simple questions.
Engage in open ended activity. PLAYING AND EXPLORING	Experience different types of science enquiries, including practical activities.
Take a risk, engage in new experiences and learn by trial and error. PLAYING AND EXPLORING	Begin to recognise different ways in which they might answer scientific questions.
Find ways to solve problems/ find new ways to do things/ test their ideas. CREATING AND THINKING CRITICALLY.	Carry out simple tests.
Develop ideas of grouping, sequences, cause and effect. CREATING AND THINKING CRITICALLY. Know about similarities and differences in relation to places, objects, materials and living things ELG: THE WORLD.	Use simple features to compare objects, materials and living things and, with help, decide how to sort and group them (identifying and classifying).
Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world. THE WORLD 30-50 months.	Ask people questions and use simple secondary sources to find answers.
Closely observes what animals, people and vehicles do. THE WORLD 8-20 months. Use senses to explore the world around them. PLAYING AND EXPLORING.	Observe closely using simple equipment with help, observe changes over time.
Make links and notice patterns in their experiences. CREATING AND THINKING CRITICALLY.	With guidance, they should begin to notice patterns and relationships.
Choose the resources they need for their chosen activity. E.L.G. SELF CONFIDENCE AND SELF AWARENESS. Handle equipment and tools effectively. E.L.G. MOVING AND HANDLING.	Use simple measurements and equipment (e.g. hand lenses, egg timers) to gather data.
Create simple representations of events. People and objects. BEING IMAGINATIVE 40-60+ months.	Record simple data.
Answer how and why questions about their experiences ELG: UNDERSTANDING. Make observations of animals and plants and explain why some things occur, and talk about changes ELG: THE WORLD.	Use their observations and ideas to suggest answers to questions. Talk about what they have found out and how they found it out.
Develop their own narratives and explanations by connecting ideas and events. E.L.G. SPEAKING. Builds up vocabulary that reflects the breadth of their experience. UNDERSTANDING 30-50 months.	With help, they should record and communicate their findings in a range of ways and begin to use simple scientific language.