

Asking questions to lead into a Scientific Enquiry/Investigation

EYFS	Teacher modelling how to ask questions, class to develop questions. Encourage children to ask questions to develop an inquisitive nature about the world.	Children to have experiences of asking and answering own questions across many areas of the curriculum. Focus on Why? What? How? E.g. Why does this float? What is heavier ____ or ____? How does this work?
Year 1	Ask simple closed questions stimulated by their exploration of their world.	I wonder how... How does... What is...
Year 2	Ask simple closed questions stimulated by their exploration of their world and begin to suggest ways to find out the answer drawing upon their knowledge.	I wonder how... How does... What is... What if I tried...because I know that...because We have learnt before that...
Year 3	Ask simple open questions stimulated by their exploration of their world. In a group explore answers through different types of scientific enquiry with teacher guidance.	What happens if... Do you think... How will I find out... I think...because ...because I know... I will...because I know...
Year 4	Ask simple open questions stimulated by their exploration of their world. In a group explore answers through different types of scientific enquiry.	What happens if... Do you think... How will I find out... I think...because ...because I know... I will...because I know...
Year 5	Ask refined scientific questions stimulated by their exploration of their world. In a group choose an appropriate type of scientific enquiry to provide the best evidence to support their answer.	Does the amount of water affect how a plant grows? To investigate this question we will...
Year 6	Ask scientific questions stimulated by their exploration of their world. In a group choose an appropriate type of scientific enquiry to provide the best evidence to support their answer. To have an understanding of how to explore scientific questions/anomalies further using knowledge and understanding.	Does the amount of water affect how a plant grows? To investigate this question we will... During this investigation we also found...I could investigate this further by...

