



Characteristics of a Scientist

“The important thing is to never stop questioning.”

Albert Einstein

At Stocksbridge Junior School, we are scientists!

At Stocksbridge Junior School, every child is a scientist. We want all our children to know that every time they engage in observing, researching and investigating a scientific enquiry, they are a scientist. We want all of our pupils to gain their scientific knowledge through the understanding of concepts, development of skills and the excitement of natural phenomena. Along with the essential vocabulary required to deepen their knowledge and complete scientific enquiries. Through our science curriculum, we want all of our pupils to develop a sense of curiosity around the science world and be confident and ambitious when tackling any enquiry. Through the teaching of science, we intend to introduce all of our pupils to the opportunities and careers their knowledge and skills in this area will, in the future, allow them to access.

As scientists, we have...

- The ability to think independently and raise questions about working scientifically and the knowledge and skills that it brings.
- Confidence and competence in the full range of practical skills, taking the initiative in, for example, planning and carrying out scientific investigations.
- Excellent scientific knowledge and understanding which is demonstrated in written and verbal explanations, solving challenging problems and reporting scientific findings.
- High levels of originality, imagination or innovation in the application of skills.
- The ability to undertake practical work in a variety of contexts, including fieldwork.
- A passion for science and its application in past, present and future technologies.

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