

## Science Curriculum Intent

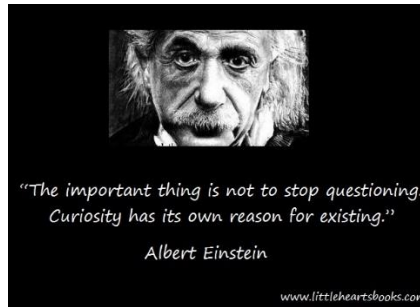
Our over-arching curriculum intent for children from Bovey Tracey Primary School in Science:..... is to nurture their natural curiosity and to question the world around them.



We want children to be equipped with the necessary skills within the field of 'Science' to show respect for the natural world that surrounds us, demonstrate an understanding of how science impacts on real life, including its uses and implications for the past, present and importantly, the future!

*"The important thing is to never stop questioning!" Albert Einstein*

*"The Science of today is the technology of tomorrow!" Edward Teller*



As Scientists, we would like all children to:

- Be able to develop as curious, critical thinkers.
- Allow their interests to flourish by asking Child Led questions.
- Use enquiry skills to investigate problems and questions as well as develop skills to answer them.
- Develop an understanding of fair testing and variables.
- Make predictions, develop good observational skills, collect data and test theories
- Enhance communication skills and form their own opinions.
- Acquire a wide vocabulary in order to communicate their scientific thinking effectively through clearly, accurately written reports
- Coherently draw conclusions, express these to others and be aware they can make a difference.
- Express an understanding of how science impacts on real life.
- To appreciate the scientific achievements of past scientists.

To achieve this, we will:

- Ensure children are immersed in engaging and relevant scientific content
- Directly teach a range of scientific vocabulary to enrich each child's understanding and ability to communicate
- Ensure children are taught explicitly the knowledge and skills they need
- Plan, sequence and deliver the subject well so that progression builds confidence, embedded knowledge and skills build upon skills.
- Facilitate equity by providing the resources and support they need to be successful and enable them to reach their full learning potential.