

Science Curriculum

“The important thing is to never stop questioning.”

– Albert Einstein.

Science has changed our lives and is vital to the world's future prosperity. Science at Uffculme Primary School engages all children in a high-quality science education that provides children with the foundations for understanding the world through the specific disciplines of biology, chemistry and physics. We want to foster our children's natural curiosity, enabling them to confidently explore and discover the world around them. Our practical, enquiry-based curriculum, promotes questioning, challenge, working collaboratively and developing a rich scientific vocabulary. We want our children to develop an understanding of how important and relevant science is to their lives, now and in the future.



By the end of Year six every pupil will have;

- Developed a wide variety of skills linked to both scientific knowledge and understanding, and scientific enquiry/investigative skills.
- Developed a rich scientific vocabulary which will enable them to articulate their understanding of taught concepts.
- Developed an enthusiasm for science that will lay the foundations for future study at Key Stage 3

Teaching and learning in Science is categorised as follows...

- Biology (Plants, Animals including humans, Living things and their habitats, Evolution and inheritance)
- Physics (Seasonal changes, Light, Forces, Electricity, Earth and space)
- Chemistry (Materials, Rocks, States of matter, Properties and changes of materials)
- 'Working scientifically' is taught throughout each programme of study.

*Intent informed by the National Curriculum in England – Science Programmes of Study