



Curriculum Intent Statement – Science

Here at St Winefride's Science is:

- Exciting when we carry out practical investigations,
- Rewarding when we have opportunities to make mistakes, discuss and learn from them,
- Meaningful when experiments and learning link to real world problems, ideas, and situations,
- Engaging when children ask open ended questions and work scientifically in a team to discover the answer,
- Inspiring when we learn about famous scientists,
- Fun when we have special visitors / events including going on trips and learning outside the classroom.

Science: Why our curriculum looks like this

Our fun, stimulating, engaging and challenging curriculum is developed and designed by the staff to ensure that high quality Science education provides the children with the foundations and knowledge and the opportunity and passion to question and understand the world around them.

The children are able to acquire and increase their key scientific knowledge and vocabulary through practical experiments, using equipment, conducting experiments and explaining concepts confidently.

The curriculum fosters the child's natural curiosity, but excites, stimulates, and develops a healthy curiosity about, and respect for our universe.

Here at St Winefride's the children will have a wide range of practical experiences to develop their investigation skills, make mistakes, enable them to become more confident and independent learners.

The children will be exposed to a range of methods in order to communicate their scientific information and present it in a scientific manner.

Working Scientifically through different types of science enquiries, offers opportunities for children to ask and answer questions, make observations and investigate ideas about the world around them.

The curriculum nurtures a culture that everyone is a scientist, whilst providing opportunities to appreciate 'Scientists at work' and inviting scientists into school to work with our St Winefride's scientists.

Our whole curriculum is shaped by our school vision which aims to enable all children, regardless of background, ability, additional needs, to flourish and become the very best version of themselves they can possibly be.