



Newport Science Vision

Science is all around us and it enables children to begin to understand the expansive world around them. Whether the children decide to become scientists or engineers themselves, they will grow up in a world that requires scientific thinking skills.

At Newport Primary School we recognise the importance of science and we will strive to provide lessons for the children that are interesting and exciting. The inclusive curriculum is designed to inspire curiosity and allow the children to explore and question science, with cross-curricular links. Encouraging children to work practically in group work or individually will allow them to learn from mistakes and develop their scientific knowledge.

In order for the vision to be achieved, the principles below will be followed:

- ♦ Children will be given a variety of fun, engaging and practical science lessons that develop overtime
- ♦ We will make meaningful links between classroom learning and the real world
- ♦ We will give opportunities for outdoor learning
- ♦ Children will be encouraged to develop scientific vocabulary and questioning skills by recording observations and taking part in practical investigations
- ♦ Teachers will provide frequent, high quality real life experiences and trips related to science
- ♦ We will provide opportunities which allow the children to research and develop their own knowledge of the history of science and use scientific inquiry
- ♦ Teachers will be provided with opportunities to further develop their subject knowledge
- ♦ Science subject leaders will keep well maintained, organised and up to date