

Science Curriculum Ambition

Kemnal Hearts

- Appreciate the role of science in everyday life and historically in the development of our understanding of the world today.
- Learning the foundations of understanding the world through Biology, Chemistry and Physics through our experiences.
- To develop an understanding of the role science plays in modern technology including space exploration to the light bulb.
- To develop a sense of excitement, curiosity and motivation to explore and explain the world around us.

Kemnal Minds

- Be able to analyse and interpret data in a variety of forms and critically evaluate the data's reliability and validity.
- To develop an understanding of the core knowledge of Biology, Chemistry and Physics.
- To use Science in all activities to problem solve using critical thinking and drawing conclusions to make rational explanations.
- To develop the skills to work practically and experimentally to solve problems and confirm ideas.
- To develop an understanding of key scientific terminology and create links between academic work and the real world.