

**Our intent for Science at Devonshire Junior Academy** is to inspire the next generation of scientists through an immersive and investigative curriculum. We hope to ignite a thirst for knowledge and develop curious minds that want to learn more about the world around them. At Devonshire Junior Academy, we recognise the importance of Science in every aspect of daily life. As one of the core subjects taught in Primary Schools, we give the teaching and learning of Science the prominence it requires. Science learning is concerned with increasing pupils' knowledge and understanding of our world, and with developing skills associated with Science as a process of inquiry. Our curriculum will develop the natural scientific curiosity of the child, encourage respect for living organisms and the physical environment and provide opportunities for critical evaluation of evidence.

At Devonshire Junior Academy, in conjunction with the aims of the National Curriculum, our Science teaching offers opportunities for children to:

- develop scientific knowledge and conceptual understanding through the specific disciplines of Biology, Chemistry and Physics;
- develop understanding of the processes of Science through different enquiries that help them to answer scientific questions about the world around them;
- be equipped with the scientific knowledge required to understand the uses and implications of Science, today and for the future.
- develop the essential scientific enquiry skills to deepen their scientific knowledge.
- Use a range of methods to communicate their scientific information and present it in a systematic, scientific manner, including I.C.T., diagrams, graphs and charts.
- Develop a respect for the materials and equipment they handle with regard to their own, and other children's safety.
- Develop an enthusiasm and enjoyment of scientific learning and discovery.