

## Science Intent Statement



At Townhill Junior School, we are committed to providing a science curriculum that is ambitious for all pupils, inspiring curiosity and a lifelong love of learning. Our curriculum is coherently planned and sequenced, allowing pupils to build their knowledge and skills progressively, while developing a deep understanding of key scientific concepts. We offer a broad and balanced science education, ensuring that all pupils, including those with special educational needs and/or disabilities, are fully supported and able to access learning through an approach that is successfully adapted, designed, and developed to meet their individual needs.

Our curriculum not only focuses on developing essential scientific knowledge, but also on cultivating the skills associated with science as a process of enquiry. We encourage pupils to ask questions, investigate, and engage in critical evaluation of evidence, helping them to think like scientists. In addition, we emphasize the importance of respecting living organisms and the physical environment, fostering a sense of responsibility and care for the world around them. Through these experiences, we aim to empower every pupil to become a confident, thoughtful, and inquisitive scientist.

At Townhill Junior School, we encourage children to be inquisitive throughout their time at the school and beyond. The Science curriculum fosters a healthy curiosity in children about our universe and promotes respect for the living and non-living. We believe science encompasses the acquisition of knowledge, concepts, skills and positive attitudes. The staff at Townhill Junior School ensure that all children are exposed to high quality teaching and learning experiences, which allow children to explore their outdoor environment and locality, thus developing their scientific enquiry and investigative skills. They are immersed in scientific vocabulary, which aids children's knowledge and understanding not only of the topic they are studying, but also of the world around them.

At Townhill Junior School, the science lead collaborates within the Reach Trust, sharing and maximising knowledge and experience to ensure the subject reaches its full potential. Children are given ample opportunity to explore the science curriculum both in and out of lessons. We have visited the Winchester Science Museum and had the planetarium visit us in the school hall to further expand the children's scientific knowledge across many aspects of the curriculum: Evolution, Electricity and Space. Every year, year 3 children visit Hillier Garden Centre to enrich vocabulary and learning experience in their understanding of seed dispersal and the different parts of a flower. Additionally, we also link our science learning to art in our Craft and Gardening club.

It is our intention that Townhill Junior School will continue to offer the students incredible experiences to further develop knowledge; explore new ideas and continue to enjoy the Science curriculum.

