

The background of the page is a vibrant tropical scene. It features lush green foliage, including large monstera leaves and various ferns. Several butterflies are scattered throughout: a prominent orange and black monarch butterfly in the upper right, a dark butterfly with white spots on the left, and a colorful bird-of-paradise flower in the lower right. The overall aesthetic is bright and naturalistic.

Science Curriculum

Intent

At Hazel Wood Infant School, we aim to give children a **Journey of Opportunities** that develop a love of learning based upon **independence, creativity, resilience** and being a **team player**. The children will be inspired to develop a broad range of skills, knowledge and understanding by providing an engaging and practical learning environment, which is progressive across all year groups. Our Science curriculum aims to build the foundations for understanding the world through the disciplines of biology, chemistry and physics.

Implementation

The teaching of Science across the school follows the National Curriculum which enables the children to build on prior learning and embeds scientific vocabulary to articulate their understanding. The working scientifically requirements are incorporated into each topic so that in addition to the core knowledge and vocabulary, children are developing skills of asking questions, observation, investigation and fair testing, predictions, collecting data and evaluation. This starts in Early Years where the environment and adults foster curiosity and encourage explorative play, children are motivated to ask questions about why things happen and how things work. Our children are encouraged to use their natural environment around them to explore. Children enjoy spending time outdoors exploring mini-beasts and their habitats, observing the changing seasons, plants and animals.

Impact

When children leave our school their learning and experiences in science will have enabled them to develop their level of curiosity to ask questions and work collaboratively to carry out scientific enquiries. Their learning in science will have provided them with wider knowledge and vocabulary. The children will have an increased understanding of the world around them in real life contexts.