

Science Leader

Miss Godfrey is the Science coordinator at Holly. She is responsible for developing the Science curriculum and delivering training on Science planning and teaching across the school.

Curriculum Intent

- To develop children's natural curiosity and inquisitiveness about the world we live in through learning about biology, chemistry and physics.
- To equip pupils with the skills and knowledge in order to think and work scientifically.
- To develop an understanding of scientific processes, implications and the world around them.
- To acquire and develop skills of questioning, problem solving, reasoning and evaluating through collaborative research and learning.
- To encourage pupils to be both open minded and critical in investigations and use their understanding of the world around them in a positive manner.

The Three Thinkers

At the end of each lesson, children will take part in a retrieval activity to strengthen memory. These are used regularly to support learning of new information; to revisit concepts and make connections.



At Holly Primary School, we aim to nurture children's natural curiosity for science through exciting, inclusive and inspiring lessons. We strongly believe a high-quality science education provides the foundations for understanding the world. Our Science curriculum enables children to explore and discover the world around them, so that they have a deeper understanding of the wider world we live in.

We provide a broad range of experiences designed to provide pupils with a progression of scientific understanding, skills and knowledge throughout their time at Holly Primary School, including day trips to Science museums, use of our forest area in school and celebrating the subject through assemblies and Science days. Children are encouraged to understand how Science can be used to explain what is occurring, predict how things will behave, and analyse causes. We believe that these opportunities will ensure that our children are confident, life-long learners who will understand and explore the world around them.

Scientific Skills

Throughout school, children are focused on learning the following skills:

- Asking questions
- Making predictions
- Setting up tests
- Observing and measuring
- Recording data
- Interpreting and communicating results
- Evaluating

Curriculum Design

We teach children a skills-based curriculum that is ambitious and designed to build in knowledge content as children progress through school. Our Science units also provide rich opportunities for practical investigative science activities, encouraging children to 'be' scientists and enhance their knowledge through a variety of scientific enquiries.

Wider School Curriculum

Science provides many opportunities to link to other subjects, including mathematics, geography and history and, when possible, these links are embedded into our curriculum. We believe in taking learning out of the classroom by using the outdoors and going on class trips, as well as promoting and celebrating science across school all year round.