



HOLMLEIGH PRIMARY SCHOOL INSIGHTS

Inspiring a Lifelong Love of Science

Mrs Barret-Simmons

Class Teacher & Science Lead

“Science is more than a subject on the timetable, it is a gateway to understanding the world.”





Driven by a genuine passion for education, I am committed to inspiring curiosity, confidence and a lifelong love of learning in every pupil. With a thoughtful and dedicated approach, I strive to go beyond the delivery of lessons to create an engaging and supportive environment where students are encouraged to grow, challenge themselves and achieve their full potential.

My enthusiasm for teaching is underpinned by a strong belief in the transformative power of education to shape futures and open opportunities. Placing pupils at the heart of my practice enables me to support them at every stage of their individual learning journeys.





Since joining Holmleigh Primary School, fostering a lifelong love of science has been central to my mission. As Science Lead, I believe that every child possesses a natural curiosity, and it is our responsibility to nurture this by developing their skills, confidence and independence so they can thrive.

Science is more than a subject on the timetable, it is a gateway to understanding the world, fostering curiosity and inspiring critical thinking that extends far beyond the classroom.





At Holmleigh, science is delivered using the ‘Developing Experts’ scheme of learning. This approach is designed to help pupils think and work like scientists, rather than simply memorising information.

It provides a carefully sequenced curriculum that builds knowledge over time, enabling students to develop deep conceptual understanding and apply their learning with confidence. Complex ideas are broken down into manageable steps and revisited regularly to strengthen long-term retention.





Lessons are taught weekly from the Early Years Foundation Stage to Year 6. They are knowledge-rich and engaging, combining clear explanations with opportunities for enquiry, discussion and practical investigation.

Pupils are supported to connect new learning to prior knowledge, helping them see science as a coherent and meaningful discipline. A strong emphasis is placed on scientific literacy, with pupils encouraged to use subject-specific vocabulary accurately, articulate their thinking clearly and apply their understanding to real-world contexts.





Over time, we have worked hard to raise the profile of science across our school and to promote cultural capital among our learners. Through educational trips, celebration assemblies, engaging science workshops, STEM visitor demonstrations and thoughtfully designed displays, pupils are immersed in enriching experiences that broaden their horizons and celebrate their learning.

Parental engagement is a vital part of our school community, strengthening pupils' confidence and enriching their learning experiences.





Initiatives such as our annual Science Fair, after-school science clubs and home learning science projects provide valuable opportunities for families to celebrate achievements and engage in collaborative scientific exploration.

Simple actions at home, such as discussing learning, exploring scientific topics or sharing educational programmes, further reinforce classroom experiences. Together, these partnerships help make science meaningful, relevant and inspiring for every child at Holmleigh.





To me, teaching is an act of service, rooted in a deep belief in every child's potential and a commitment to helping them discover the power of learning.

At Holmleigh, we go beyond teaching children to read and write, we cultivate curiosity, spark enthusiasm and foster a lasting love of science that inspires lifelong learning.

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