



The LIME curriculum: Science

How Science develops the key themes of the LIME curriculum.

Language rich

Within Science at Limehurst, we include a range of rich scientific vocabulary that is age appropriate to make complex scientific concepts understandable to our pupils. We also promote speaking and listening that uses the scientific vocabulary within context enabling our pupils to effectively and confidently communicate as scientists.

Inclusive

Our Science curriculum offers a variety of different resources to cater for students with a range of learning styles and requirements. Real word contexts are used within learning to help engage pupils with different interests and backgrounds. We use a range of differing teaching practices to ensure all our pupils are catered for.

Motivational

Our curriculum motivates pupils in a variety of ways. From as early as EYFS our pupils are involved in practical scientific investigations that help explain the world around them. Whole school events such as Science Week put science at the forefront of learning and highlight its importance in everyday life, stirring our pupils' curiosity.

Engaging

Our curriculum provides a variety of engaging content through a mixture of practical and problem solving investigations that make science both exciting and relevant. These real word contexts provide the pupils with a journey from start of topic to the end of topic which sparks an intrinsic motivation to learn more.

How Science ensures our pupils achieve the key outcomes of the LIME curriculum.

Leaders

Pupils become leaders of their own learning by encouraging independent thinking. The curriculum encourages critical thinkers and fosters problem solving, all vital skills required by any leader. It promotes effective communication, as our pupils have to express their findings and conclusions clearly and concisely.

Independent

Pupils are empowered to become independent learners by fostering their curiosity and problem solving abilities. Throughout the curriculum our pupils are encouraged to form their own conclusions and develop their own scientific enquiries based on their own curiosity, promoting self-directed exploration.

Motivated for future learning

Students are encouraged to ask questions, make predictions and actively seek answers. This enquiry lead approach creates a natural desire to continue exploring and learning. Practical activities provide hands on experience with investigations, laying the foundations and confidence for a lifetime of scientific exploration.

Empathetic

Scientific concepts are connected to real world issues and events that pupils can relate to. This encourages pupils to think empathetically about how science impacts on their own and other's lives. Collaborative learning provides opportunities for students to work together enhancing their social and emotional skills.



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