

Intent

At The Limes Primary Academy, our Science curriculum encourages children to be inquisitive, independent learners. The Science curriculum fosters a natural curiosity and encourages children to ask questions and investigate the answers. It will help learners to develop respect for the creatures we share our planet with and the physical environment.

Children will acquire and develop key knowledge and skills through practical experiences, using equipment, and conducting experiments, all of which, will equip them to become competent scientists.

Children are encouraged to ask questions, express their own ideas and be curious about the world around them. A love of science is nurtured by encouraging children to lead their learning by being curious, making predictions and conducting experiments. Science provides the foundation for understanding the world around us. It can not only teach pupils about the world they live in, but also how to study it and make sense of various phenomena.

Implementation

- Science is taught through cross-curricular projects, designed to give children the opportunity to develop the key skills needed to be a scientist.
- Each project will give children the opportunity to talk about their ideas, make predictions, carry out experiments, make observations and report their findings back to the class.
- Existing knowledge is checked at the beginning of each topic through discussions and quizzes. This ensures that teaching is informed by the children's starting points and that it takes account of pupil voice, incorporating children's interests
- Children are provided with an opportunity to apply their learning in real world situations, both inside and outside the classroom, including visiting experts, educational field trips, all of which, will enhance and reinforce the science learning.
- Regular events, such as Science week, or project days, such as Earth Day allow an opportunity for the whole school to come together and celebrate science.
- Appropriate curriculum-themed home learning tasks are shared, which children complete at home with adults.



THE LIMES
PRIMARY ACADEMY

Science



Impact

Our Science curriculum is planned so that pupils have a good understanding scientific concepts, knowledge, skills and vocabulary that endeavours to allow children to achieve age related expectations at the end of each key stage.

The curriculum results in a fun, engaging, purposeful science education. It provides children with the foundations and knowledge for understanding the world around them.

Upon completion of each project, teachers will assess their children against the progression of scientific concepts, knowledge and skills.