

Science Curriculum Overview

The Outcome – Scientists

At Lime Tree Primary Academy our aim is to develop children's natural curiosity through practical, engaging and real life scenarios within science. The children are taught scientific skills which are embedded through investigations and enquiry work. They are encouraged to ask questions, predict, work collaboratively, measure, record and interpret their results whilst being completely engrossed in hands on, practical activities. By the end of their time at Lime Tree Primary Academy, our Year 6 scientists will have built up a body of knowledge, enabling them to understand how science can be used to explain what is happening around them, predict how things will behave, analyse causes and ask MORE questions! Their well-rounded scientific understanding will impact their lives, influence their choices and actions in order to inspire potential future scientists and interest in a career in STEM. The children will have learnt the impact we, as scientists, have on our world and sustainability.

| Threads | | |
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| One World Diversity & Mutual Respect Democracy & Individual Liberty | Human Impact Making the world a better place | Human Endeavour The spirit of adventure, innovation and inspiration |

| Starting Points – Area of Study | | | | | |
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| EYFS | Aspects of scientific understanding and exploration appear throughout the EYFS curriculum and are guided by Understanding of the World | | | | |
| Year 1 | Plants | Seasonal Changes | Animals including Humans | Everyday Materials | |
| Year 2 | Living Things and Their Habitats | Plants | Animals including Humans | Use of Everyday materials | |
| Year 3 | Plants | Rocks | Animals including Humans | Light | Forces and Magnets |
| Year 4 | Sound | Electricity | Living Things and Their Habitats | States of Matter - Materials | Animals including Humans |



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| Year 5 | Living Things and Their Habitats and | Properties and Changes of materials | Animals including Humans | Earth and Space | Forces |
| Year 6 | Living Things and Their Habitats | Evolution and Inheritance | Animals including Humans | Light | Electricity |