



The LIME curriculum: Mathematics

How Maths develops the key themes of the LIME curriculum.

L anguage rich	Mathematical language is the means through which children at Limehurst can communicate meaning and ensure it is presented in a structured way. Whether written or spoken, we want children to be able to present their thinking and reasoning through the use of maths vocabulary. We support this through the explicit teaching of maths vocabulary and sentence stems.
I nclusive	Inclusive maths lessons give every child the chance to take part in lessons, feel valued and ensure everyone has fair access to the curriculum. Teacher's implement inclusive teaching in the maths through high expectations, knowing our children, scaffolding learning and hands-on approaches, questioning and modelling for challenge leading to independent learning.
M otivational	When students are confident about their ability to do mathematics, they are motivated to explore new concepts even if they are not immediately successful. We motivate students by relating learning to real life problems, challenging thinking and by linking topics to other subjects such as science.
E ngaging	At Limehurst we aim to develop students who value and enjoy maths and who see connections between the maths they do at school and the maths they use in their lives outside school. Engagement occurs when students are thinking hard, working hard, and feeling good about learning mathematics.

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

L eaders	Learning that challenges develop mathematicians who work well as team player and team leaders. Our children are empowered with a set of skills in maths that encourages decision- making abilities and communication that are necessary for becoming effective leaders of the future.
I ndependent	Independent thinking is a critical maths skill that we aim towards by Year 6 allowing our learners to determine best methods and process to tackle problems and to develop the ability for inquiry and critical thinking. Maths places increasing responsibility on the learner to take charge of their own learning.
M otivated for future learning	We aim to develop students' curiosity in learning maths and encourage a growth mindset that maths is subject they can get better at gradually over time. We aim to praise success and effort with positive verbal feedback immediately after completing tasks.
E mpathetic	At Limehurst we inspire children to empathise with their peers in maths by encouraging them to articulate their learning, using stem sentences to scaffold their learning, and discuss their understanding of different aspects of maths.



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