

Maths

Intent



At Chuter Ede, we are mathematicians.

Maths is an interconnected subject which is essential to everyday life and we aim to provide all children with a variety of opportunities to develop their mathematical skills and knowledge. We aim to give children the foundation to make sense of the world around them, be able to calculate and reason mathematically as well as appreciate, foster curiosity in and develop a passion for the subject. At Chuter Ede we take a mastery approach to teaching and learning in Mathematics. It is our intention that children be secure in their knowledge and skills and be able to fully understand and apply them to different situations.

Our intent is for children to:

- ... become informed and independent learners with inquisitive minds who have secure mathematical foundations.
- ...make rich connections across mathematical ideas to develop fluency, mathematical reasoning and competence in solving increasingly challenging mathematical problems. They will also make links to and apply their knowledge to science and other subjects.
- ...have knowledge of their own learning journey in maths to enable them to be proactive learners and take control of their own learning.
- ...develop their confidence to use a range of mathematical vocabulary. Pupils should be able to read and spell mathematical vocabulary, at a level consistent with their increasing word reading and spelling knowledge at KS1 and by the end of KS2, should be able to read, spell and use a range of mathematical vocabulary confidently.
- ...be given opportunities to rehearse and clarify their thinking in order to become confident at articulating their understanding and reasoning skills, both orally and in writing in clearly constructed sentences.
- ...think critically about their successes and misconceptions in a supportive environment where they feel safe to discuss mistakes and value the contributions of others.
- ...be immersed in a vocabulary rich environment where children deepen and further their use and understanding of mathematical vocabulary in a range of ways.
- ...feel empowered as learners by fostering a positive learning environment, where children achieve success and develop their self confidence and self esteem.
- ...have a range of mathematical strategies to draw upon in maths lessons, to enable them to take control of their own learning and become independent thinkers who can make connections between different areas of maths.
- ...have knowledge of their learning journey in maths on order to encourage them to be pro-active about their learning.

"Valuing everyone and aiming for our best"