



Crockerne C of E Primary School

# Maths at Crockerne Church of England Primary School



## What drives our curriculum?

**Rigorous** – Maths is progressive – each year previous knowledge is revisited, built upon and extended. Key concepts are taught and revisited periodically throughout the year. Retrieval practice is used to recall key knowledge. Phases plan maths together to ensure clear and consistent curriculum coverage – maths is regularly monitored to ensure rigor and consistency.

**Engaging** – children have the opportunity to engage in a well-planned, broad and balanced maths curriculum. Mathematical projects are woven into the wider curriculum. Maths is enjoyable and children are encouraged to explore mathematical concepts in their own way – making connections between different and new concepts.

**Authentic** – mathematical knowledge, skills, fluency and application are taught with reference to an application in the wider world and beyond the primary classroom. Maths is taught using real life examples and problems – projects involve money and finance – Mini Enterprise involves Year 6 children using and applying mathematical knowledge and fluency to start a business, creating a budget and making a profit.

**Learning** – children learn through the practical application of knowledge – using practical equipment where and when appropriate. Maths is taught with a focus on a broad curriculum aiming for mastery within each year group.

Retrieval practice is used to embed knowledge and to return to key concepts in order to reinforce learning.



## Sequencing of content

The maths overview ensures that the pre requisite knowledge and skills are considered and linked to new learning. Knowledge and skills are built on in each year linking maths concepts and skills. Children build extensive knowledge linked to previous learning in order to refine understanding of mathematics.



## Deepening Concepts

- Number – to understand the key concept of number and numeracy
- Fluency – to use number skills in a fluent and logical manner
- Problem Solving – to use and apply number and fluency to solve problems
- Mastery – to master all aspects of mathematics in your year group.
- Significance – to see maths in a wider context.



## Big ideas

To be able to see maths in a wider context as part of a broad and balanced curriculum.

To prepare children for the next steps in their learning journey – to be ready to use their mathematical knowledge and skills in a wider context and as part of the wider community.



## Retrieval Practice

Children take part in regular mini quizzes and retrieval practice to strengthen their memory. Regular use of TTrackstars from Year 2 upwards to learn times tables and related division facts. Remembering information and knowledge is celebrated as part of our learning culture.

