



How we teach mathematics

At Wormley CE Primary School, we recognise and promote maths as a **creative** and **interconnected subject**. We believe that **everybody** is capable of being a successful mathematician. The subject is **essential** to everyday life and provides a **foundation** for understanding the world. Our aim is to provide our learners with **rich opportunities** in maths to learn **independently** and **actively** in order that they:

- Become **fluent** in the fundamentals of mathematics;
- Are able to **reason** and justify mathematically;
- Can **solve problems** within a range of contexts.

We believe **mixed ability** groups and paired work is vital with a strong emphasis on 'talk' to allow children to 'think aloud' and build the skills necessary to be confident mathematicians.

Children of every age and ability have access to **resources** (for example dienes blocks, numberlines, numicon, Cuisenaire rods, place value counters) to aid their understanding.

Our curriculum meets the requirements of the National Curriculum 2014 for the teaching and learning of mathematics. Through **varied, engaging** and **open ended** scenarios, which are **relevant** to the learner, we aim to **nurture a love and curiosity** of the subject. We teach maths across the curriculum and in different contexts.

Children are taught **at the pace appropriate to them**. Those who grasp concepts rapidly will be **challenged through rich and sophisticated problems** before being presented with new material; those who are not sufficiently fluent with earlier material will be **allowed to consolidate** their understanding before moving on.

Hyperlinks:

Mathematics Policy
The Year 1 Learner
The Year 2 Learner
The Year 3 Learner
The Year 4 Learner
The Year 5 Learner
The Year 6 Learner

