

## Mathematics Mastery at Coit

According to the new National Curriculum, all pupils need to be given the opportunity to **master** all aspects of the relevant objectives and concepts for their year group in maths.

This means that pupils should develop a deep understanding of the maths they are learning. This can then be built upon each year and there should be less need for pupils to have to take part in 'catch-up' programmes. This also means that pupils will not be accelerated through the curriculum or onto the objectives of the year above. Instead, they will be given opportunities to deepen their understanding of a topic through extended questioning and activities which will allow them to apply their skills.

For a child to be able to master the curriculum, they need to be able to do several things. One is to recall number facts with speed and accuracy (for example, times tables). Another is that they need to be able to use key maths concepts and facts in different situations. Finally, they need to be able to explain these concepts and give examples of how they are used in real-life contexts.

At Coit, we are moving towards this way of thinking and are adapting our approach to teaching mathematics according to these guidelines from the new curriculum. Teachers ensure they are providing opportunities which allow pupils to deepen their understanding of key mathematical concepts and ideas. We are also having a big focus on number facts this term (number bonds, times tables etc.) as becoming confident and fluent in these aspects will enable our pupils to develop towards mastering other areas of maths.

Mastery of the curriculum is not going to happen overnight. It will take time for pupils to develop their skills and deepen their understanding of maths. Any extra work they can do at home will benefit them in this journey.

We will be sending out leaflets with ideas of how to help your child learn key facts during each half-term.