



Mathematics at Condover CE Primary School

Intent

At Condover CE Primary we aim to inspire all children to reach their full academic potential. In mathematics this means ensuring a curriculum that is purposeful, contextual and fully inclusive of all children. We strive to:

- Develops children's knowledge and understanding of Maths through conceptual understanding: immersing the children in concrete, pictorial and abstract themes concurrently.
- Use prior knowledge and discuss their learning in order to be successful.
- Provide pupils with the opportunities and skills to work with independence.
- Give pupils opportunities to apply learnt mathematical skills in different contexts across the curriculum.
- Give pupils opportunities to develop their reasoning skills through context based exercises.
- Prepare pupils so they can apply mathematical skills effectively in everyday life situations, in their future learning and in the work place.
- Ensure all pupils have mathematical building blocks in place and provide a solid foundation to lead onto secondary, further and higher education.

Implementation

At Condover CE Primary we will provide a rich and interactive program of study using the National Centre for Excellence in Teach Mathematics (NCETM) framework, while also following the 2014 National Curriculum objectives. We will use these resources to encourage the children to discuss and justify their mathematical reasoning, taking small steps to ensure all pupils have a clear and deep understanding of each Mathematical spine. Meaningful repetition will be an integral part of the teaching of Maths in order to support the children's coherence.

Teachers follow clear medium term plans, using Teacher Guidance documents to support planning and tailor the pace of learning to the needs of classes and groups. Teachers will constantly assess and adapt their teaching and activities to ensure all pupils make progress. Teachers will use their professional judgement to assess and vary the length of time spent on each objective in order to ensure all pupils are proficient and competent in their understanding.

- Using the key ideas of Teaching for Mastery, teachers will provide opportunities for pupils to explore:

- representation and structure
- mathematical thinking
- fluency
- variation

Teacher will use these key ideas, along with coherence, to create a series of lessons that emphasise the need for small steps for understanding in greater depth.

Impact

All of our pupils will be confident, competent mathematicians who can use a range of methods and strategies accurately and in a wide range of contexts. Further to this, they will be collaborative and supportive learners, being able to discuss and explain their learning as well as becoming proficient in their objectives.

Throughout a pupil's journey through Condover CE Primary School, each and every child will make progress - most will reach or exceed age related expectations. They will become independent thinkers, able mathematicians and will be able to apply their skills in a wide range of contexts and situations.

We aim to ensure that all our children progress and make a positive contribution to the future prosperity of our society

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