



Mathematics at Aughton Town Green Primary School

Visitor Information



Aughton Town Green Primary School has adopted a Mastery approach to mathematics. We use the Red Rose Mastery Scheme from Years 1 to 6. Reception use NCETM Mastering Number materials alongside Lancashire materials for additional areas of mathematics.

What are our beliefs?

- We believe in a mastery approach where all children can achieve in maths. We want them to have a positive perception of maths and a 'can do attitude'.
- We want children to believe that by working hard at maths they can succeed.
- Children need to have solid foundations in maths upon which their future mathematical learning is built.
- We value mistakes and encourage discussion and learning from each other to promote mathematical thinking.

What does this look like in our classrooms?

- Maths takes place at 9am every morning across the whole school and lasts an hour.
- The learning journey is carefully sequenced. A lesson includes modelling, back and forth interaction, questioning, short tasks, explanation, demonstration and discussion.
- The class work together on the same key points, whilst at the same time being provided with challenge and support to gain depth of understanding.
- Intervention opportunities are built into daily teaching to support children and ensure no one gets left behind.
- Reasoning and problem solving are integrated throughout the lesson. A key feature of the Red Rose scheme is each lesson starts with a problem that gives all children the opportunity to reason and explain their mathematical thinking.
- Practical resources are used in every class throughout the school and all children have access to a kit box. This concrete equipment underpins mathematical concepts and secure understanding.
- Carefully devised questions enable children to apply their understanding in different ways to broaden their knowledge. Each lesson has a deeper learning challenge to stretch and challenge children where appropriate.
- In addition, all children in Key Stage 1 are taught a ten minute fluency session in the afternoon. It develops their skills in basic arithmetic and number facts in a fun and practical way.

