Maths statement of intent

Maths is essential to everyday life, whether it be working out the cost of shopping or working out how long you have got before your favorite TV show. We use Maths every day and as a result, we ensure that our children are fluent in the fundamentals of Mathematics and are able to apply these skills to reason and solve problems. We follow the National Curriculum and ensure that year group age related expectations are planned for using White Rose.

How do we teach Maths at Ashleworth C of E primary school?

At Ashleworth we teach stimulating and engaging Maths lessons every day in both classes. We make sure our lessons are challenging for all children through our 'Do it, Twist it, Solve it' approach.

'Do it' tasks develop children's fluency of skills. This includes using mathematical methods accurately and recalling facts efficiently. 'Twist it' tasks encourage children to use the skills learnt in the 'Do it' task to reason logically. This includes proving, explaining and justifying answers using correct mathematical vocabulary. 'Solve it' tasks require children to use their skills to solve problems with perseverance.

We also have a problem solving session each week, which focuses on a specific problem solving skill.

Examples of children's learning

Our Maths working walls

In both classrooms, we have a Maths working wall. These display small steps of learning for the current unit of work which shows each child what they will be learning next. We make sure Mathematical vocabulary is also displayed to encourage children to use it independently when justifying and explaining an answer.

*Picture of learning wall.

Regular skills practice

We have a daily arithmetic session where each child completes 'Rainbow Maths'. This gives children the opportunity to consolidate and revisit concepts.

Outside of the Maths lesson, we practice our times tables. By the end of Key Stage 1, we aim for children to be able to recall their 2,5,10 and 3 times table. By the end of Year 4, children will be able to recall times tables up to 12 x 12.

How do we assess Maths?

We assess Maths on a daily basis through teacher's marking and children's self-evaluation. This information is then used to plan the subsequent lesson to ensure every child's needs are built on and met. Each child in Year 2-6 has a learning wall in their Maths book which outlines age related expectations. These are updated regularly by teachers and children.

Maths is assessed 3 times a year using Milestones. Milestone 1 is for years 1 and 2; Milestone 2 is for years 3 and 4 and milestone 3 is for years 5 and 6. From this, we can see any gaps in individual children's progress and then support for the identified children is planned for the following term.

Reception are assessed against the Early Learning Goals.

Children are assessed at the end of Years 2 and 6 for the end of Key Stage Statutory assessments.