

Maths Curriculum statement

Intent

At Ecton Village Primary Academy, the intent for our Mathematics curriculum is to raise standards through a love of Mathematics by giving children the opportunity to develop their fluency and reasoning skills as well as offering them opportunities to deepen and extend their learning through problem solving.

Our curriculum will encourage children's mathematical curiosity by supporting them in building on previous knowledge and skills- allowing them to know and remember more.

Implementation

Children study mathematics daily covering a broad and balanced mathematical curriculum including elements of number, calculation, geometry, measures and statistics. Teachers use the White Rose long term plan to ensure that they meet all areas of the curriculum.

To manage the demands of mixed age year groups, classes are split between the class teacher and teaching assistant whilst being kept on the same conceptual area.

Throughout each lesson formative assessment takes place and feedback is given to the children through marking and next step tasks to ensure they are meeting the specific learning objective. Teachers use this assessment to influence their planning and ensure they are providing a mathematics curriculum that will allow each child to progress.

Pupils who grasp concepts rapidly will be challenged through reasoning and problem solving activities during the lesson or as a next step. Those who are not sufficiently fluent with earlier material will consolidate their understanding, including through additional practice, before moving on.

Impact

By the end of KS2 we aim for children to be fluent in the fundamentals of mathematics with a conceptual understanding and the ability to recall and apply knowledge rapidly and accurately. They should have the skills to solve problems by applying their mathematics to a variety of situations with increasing sophistication, including in unfamiliar contexts and to model real-life scenarios. Children will be able to reason mathematically by following a line of enquiry and develop and present a justification, argument or proof using mathematical language.