



Mathematics



Mathematics is taught daily across Key Stage One. It covers a range of units including number and place value (counting, identifying tens and units, etc), calculation (addition, subtraction, multiplication, division), fractions, measures (length, weight, capacity, time, money), geometry (2D shapes. 3D shapes, position, direction, movement, turns) and statistics (looking at data, creating graphs etc.). Each lesson last for 55 minutes and includes a quick, sharp and upbeat mental/oral starter which is a chance to refresh and reinforce something that has been previously taught. Then new mathematical skills and strategies will be taught for the different aspects of Maths. Next there are opportunities for the children to apply the skills that they have been taught with assistance of the staff.

Each class has a Maths Challenge Area in which children can solve the problems on offer. They could be related to any area of Maths (shape, number, measures etc). These activities provide children with the opportunity to recap on previously taught skills and consolidate their knowledge.

Mathematics is assessed throughout the week using the National Curriculum statements for each child and this informs future planning and support strategies.

Mathematics in the foundation stage is focused mainly on number, geometry and calculation. Lessons are shorter and take place during a range of carpet sessions throughout the week, accompanied with many table-top activities which support the Learning Objective.

Mathematics is assessed throughout the week in the Foundation Stage. Children are continuously assessed using the Curriculum requirements and next steps are planned and implemented into the environment, linked to the children's individual interests and needs.

All children are given a Mathletics password to use both in school and at home. Mathletics is an online tool which the school pays a yearly subscription to use. Each teacher has access to the children's accounts and sets tasks related to the lessons that have been taught during the school day. Every Friday a trophy is given out to the class with the most participation in Mathletics that week. They display it with pride in their classroom.

At The Ferrars Academy we promote Maths through special days. This consists of 'Problem Solving Days' where the children spend the day participating in a

range of Maths activities and solving problems. Parents are invited to our open afternoon where they can work with their child on the various Maths activities on offer and see a snapshot of a Maths lesson being taught. Please keep your eyes on the website for up and coming dates.