Maths Road Map



EYFS

There are six key areas of early mathematics learning, which collectively provide a platform for everything children will encounter as they progress through their maths learning at Branston C of E Infant Academy, and beyond.

Cardinality and Counting—Understanding that the cardinal value of a number refers to the quantity, or 'how many ness' of things it represents using numbers to 10.
Comparison—Understanding that comparing numbers involves knowing which numbers are worth more or less than each other.
Composition—Understanding that one number can be made up from (composed from) two or more smaller numbers.
Pattern— Looking for and finding patterns helps children notice and understand mathematical relationships.
Shape and Space—Understanding what happens when shapes move, or combine with other shapes, helps develop wider mathematical thinking.
Measures— Comparing different aspects such as length, weight and volume, as a preliminary to using units to compare later.

Year One

Children will continue developing their number, reinforcing key aspects from EYFS and through the year working with numbers up to 100. They will develop their addition and subtraction skills and further expand their shape knowledge including 2D and 3D shapes. Children will describe the position of objects and half and quarter turns. Children will learn to tell the time to the hour and half past and to recognise different coins and notes. They will be introduced to multiplication by counting in 2s, 5s and 10s and learn to divide by sharing. Children will work with fractions by finding half and a quarter of a shape or quantity. In measures they will solve problems involving; length, height, mass and cap[illegible]



Year Two

Children will further their number skills by partitioning numbers into tens and ones, comparing numbers and solving problems using number facts. In addition and subtraction they will learn new methods and apply these skills when completing reasoning tasks. They will learn and apply the multiplication and division facts for the 2, 5 and 10 times table. Children will find ½, 1/3, ¼ ad ¾ of a quantity or number. In measures they will tell the time to quarter to and past and begin to tell the time to the nearest 5 minutes; they will also learn to measure in centimetres, metres, grams, kilograms, millilitres, litres and degrees Celsius. They will describe the features of 2D and 3D shapes and sort them by category. For statistics they will make and interpret, tally charts, pictorial charts, simple tables and block diagrams.

