

St John the Baptist Primary School

RESPECT, RESILIENCE, READINESS

Maths Curriculum Intent Statement

Intent

Mathematics is an essential part of a balanced curriculum that is both well matched and challenging to all learners' needs. At St John the Baptist the teaching of basic mathematical skills from the earliest opportunity is essential in our context. We believe all learners should be fluent in the fundamentals of mathematics, being able to reason mathematically and solve problems by the application of their mathematical understanding. We endeavour to ensure that children develop an enthusiastic and creative attitude towards mathematics that will stay with them throughout their lives.

Implementation

Across the primary years teachers will draw on a range of resources to create the best possible learning environment for our pupils, moving the children from the stages of concrete to pictorial and lastly to abstract.

In Early Years, mathematics is introduced through a range of practical activities such as counting and sorting objects, recognising numerals equal amount, starting to use the language of addition and subtraction and beginning to do some simple measuring, comparing lengths, patterns and quantities.

In Key Stage One, children become more confident with recording their written methods and can carry out these operations without relying on the use of practical equipment. They will learn early problem solving skills and be challenged to apply their knowledge and skills.

In Lower Key Stage Two children become confident with the column methods of addition and subtraction and can multiply and divide three digits by two. By the end of this phase children will be able to record all multiplication facts up to 12×12 at speed.

In Upper Key Stage Two children build on the application of previous learnt knowledge and apply this to more complex problem solving skills.

Impact

On leaving St Johns children will have developed a love for mathematics and a resilient attitude when maths is challenging. We will ensure they are ready to apply their mathematical skills to other curriculum areas as well as in everyday life - and be confident to do so.