



Intent

For our children to become fluent mathematicians, able to reason mathematically and solve problems through applying their mathematical understanding.

Implementation

Through a whole school approach of "I do, we do you do". Using White Rose maths books and access to concrete and pictorial aids children will adopt a mastery approach to maths which allows them to succeed at their level through daily maths lessons following the White Rose curriculum. Year groups are taught separately to ensure full delivery of the relevant curriculum at the relevant age. In the Early Years we use Master The Curriculum which aligns with the White Rose framework and the EYFS.

Impact

Children will show confidence in their ability to achieve in maths. Have the flexibility and fluidity to move between different contexts and representations of maths and recognise relationships and make connections between concepts.

How children with additional needs are supported

Where required, lessons and resources are adapted and scaffolded to ensure every learner can access every topic in our maths offering. Interventions and pre teaching are put in place to support children with additional needs, who also have access to additional concrete and pictorial resources in the classroom.

How more able children are challenged

Using the NCETM assessment for mastery for greater depth document, a number of additional challenge questions have been produced throughout school for each year group to ensure children have access to challenge at their appropriate level which deepens understanding. In addition to this we challenge more able pupils through teacher questioning and adaptive teaching.

The focus in my subject this year is:

Improve fluency in arithmetic at all ages because in our SATs results last year our arithmetic scores dropped. This is being implemented through use of fluency books each morning in KS2 and in KS1 through chanting, singing and group work.

Monitoring plans for my subject this year are:

Lesson plans
Book Scrutiny
Pupil Voice

Previous improvements and impact

Implementation of WR scheme – continuity through school. Use of the books has allowed pupils to have confidence as they move through school. Improved outcomes in reasoning and problem solving

Current improvements

Analysis of arithmetic scores and papers to identify gaps in learning. Using Fluency books each morning in KS2 and in KS1 through chanting, singing and group work

Ideas for future Improvements

KS1 White Rose alternative (Master the Curriculum) to deepen understanding and make links between concepts more clear.

Pupil Voice

"Maths is fun and challenging." – Yr 4 Boy
"I like maths because it is fun and we have a calming environment." Yr 3 Girl
Class 2 asked for the working wall to be more worked examples rather than things to help, also number formation.

Data/Outcomes

Prediction for 2025 – 11/14 – 78% to achieve EXS +
3/14 to achieve GDS – 21%
2024 – 9/13 69% Achieved EXS +
Y4 MPC – 5/15 scored 25/25
8/15 scored 20+