



Supporting All Learners in Maths

Shine Brightly

Success for all:

SEND Support (universal offer):

Pupils do not move on in maths until they have grasped newly taught concepts.

Every class runs same day intervention groups to support those children who haven't achieved the objectives in that day's lesson.

Small groups of children will be targeted for pre-teach sessions to support children in understanding the language of maths and new concepts.

Children will continue to practise skills until they are secure before moving onto deeper learning.

Children will always work on the same objectives as their peers but activities might be differentiated by working with smaller numbers.

As a school we follow a CPA (concrete, pictorial, abstract) approach. Where needed pupils will continue to work with objects to develop their understanding of concepts.

Adult support will be provided in a lesson to support learning.

Children are supported by number lines, 100 squares, cubes and counters.

If children are working significantly below their peers they might be supported in the 1stClass@number intervention group or Plus 1 and Power of 2 intervention.

Supporting EAL Learners:

Pupils are supported by Communicate in Print to understand mathematical vocabulary. They will have opportunities to work with an adult practically to understand new concepts and key words/phrases.

Word problems will use limited language and be supported by Communicate in print or actions.

Pupils will be given frequent opportunities to practise the most common types of problems with an adult.

Pupils will be given plenty of opportunities to move from the concrete to abstract and to provide lots of time to talk about mathematical problems before reading, writing or calculating.

Vocabulary-based starter activities for collaborative learning are used.

Pupils will be supported with resources, number lines, counters and cubes.

Opportunities for deeper learning:

We follow a mastery approach in maths. Children will be given opportunities to reason mathematically: talking confidently about their Maths and explain how they have worked. Pupils will be able to solve problems and support other children in their class to achieve.

Children will extend their understanding and knowledge by having to:

Describe their work in their own words

Represent problems in a variety of ways (C.P.A)

Explain their work & teach it to someone else

Make up their own examples of questions and problems

Recognise and talk about connections between facts/concepts

Use their mathematical knowledge in different situation

Use maths in different contexts

Solve problems of greater complexity

Systematically explain and generalise their Maths