



Provision for SEN and more able in Maths

Introduction:

Within the Maths curriculum, pupils at Westacre aim to broaden and deepen their mathematical skills to prepare them for secondary education and life beyond school. Maths skills are entwined in many aspects of life, and a firm grasp of mathematics can open doors to many prospective careers. Mathematics is adapted to suit both the needs of SEN and Gifted and Talented pupils.

SEN

SEN pupils access Maths at their level, and make progress accordingly. They are supported in accessing the maths at their age expected level through differentiated scaffolding and resourcing. This might involve presenting questions in different ways, using pictures to underscore understanding or accessing physical manipulatives to puzzle out a problem. SEN-specific resources like maths dictionaries, 100 squares and whiteboards are provided in each classroom. Pupils focus on key number skills and plugging gaps in knowledge, but at the same time are given opportunities to reason and problem solve at an appropriate level of difficulty.

When gaps in learning are identified, many SEN pupils benefit from Rapid Response sessions with TAs. They also attend specific interventions for times tables knowledge where necessary. In addition, some SEN pupils benefit from arranged pre-teach sessions – these allow SEN pupils to get a head start on upcoming maths topics in class, helping them access and make strong progress when in the actual lesson.

More able

These children are challenged in Maths lessons through the use of Deep tasks. These tasks are often open-ended, and encourage systematic working, identifying patterns and suggesting proofs. More able children might spend the entire lesson exploring one Deep task, collaborating with their peers to take their investigations wider.

More able pupils benefit from the chance to really work independently and pursue their own mathematical curiosities in Friday Maths Explorers. In these lessons they can apply their deep mathematical knowledge to rich and engaging problems.

When it is up and running again (April 2021), G/T children will have the chance to compete in the UKMT Junior Maths Challenge. They will compete with children nationally to complete particularly fiendish maths questions, and receive recognition for doing so.