

Curriculum Area

Maths

Who this area of the curriculum is led by and how it is delivered.

Olivia Hughes is responsible for the maths curriculum within Stanley School.

Maths is taught twice a week, with both number and topic lessons lasting all morning or afternoon.

Topic maths is organised to ensure that children have the opportunity to learn and develop their knowledge in different areas outlined in the National Curriculum. This is set out in a yearly rolling programme followed by all teachers.

Number maths lessons relate to those targets set in each child's Education Health Care Plan. Targets are split into weekly learning objectives and individual tasks are identified for each child to complete.

How this area of the Curriculum is designed

The topic maths curriculum is designed to provide all children with the opportunity to cover topics within geometry and measurement. Lessons are designed to give children practical experiences of mathematical concepts, our children are encouraged to explore a variety of mathematical resources to help solidify their knowledge and understanding.

Number maths is planned and taught on an individual basis, this relates to the objectives and targets outlined in each child's Education Health Care Plan.

Teaching staff plan activities and lessons to provide children with meaningful experiences, aided by classrooms adapted to create number rich, resource heavy environments helping children to further develop their understanding.

How we ensure breadth, balance and depth

Individual learning targets set out in number maths are practised until a child can confidently complete the task. Lessons are tailored to each child's individual needs, activities are selected on a child by child basis until they can demonstrate their understanding allowing them to progress to their next challenge. Children are initially given concrete tasks to complete before moving onto pictorial and finally abstract activities.

Themes visited during topic maths lessons change on a termly basis but are repeated on a yearly rota giving each child the opportunity to explore time, money, shape and measurement more than once if a topic needs revisiting. Teaching staff aim to make as many maths lessons cross-curricular to help further embed each child's learning. Maths lessons are flexible and can be taught on a 1:1, small group or in larger groups depending on each child's requirements.

The key skills and knowledge which will be gained through this area of the curriculum.

Maths aims to provide children with opportunities for exploration and discovery helping to instil a love of the subject.

The subject encourages children to ask questions and develop confidence, initiative and perseverance. Maths encourages children to co-operate with each other and work in teams with one another.

We as a department will aim to extend the range of communication skills and encourage children to ask questions and develop confidence in the subject.

Where this area of the curriculum fits in within our schools aims and culture

Stanley School aims to educate pupils in a specialist environment, using proven methods from both mainstream and special sectors, to allow them to take their place as respected members of their community and fulfil their full potential. Maths utilises a range of skills such as problem solving, communication and independence helping children to reach their full potential and take their place as a respected member of their community.