

Maths

At Willow Grove we want our children to be comfortable and confident with Mathematics to enable them to be able to use and apply their skills and knowledge throughout their school life as they journey into the wider world.

Intent

To have high expectations in Maths across the school.

To have a broad and balanced curriculum that will enable our pupils to have the knowledge and skills required to be confident to have a go.

To offer a range of activities to engage the children and support their learning styles and ability ranges.

To encourage our children to be fluent in the fundamentals of Maths.

To learn how to reason mathematically.

To use and apply skills when problem solving.

To teach and use a range of mathematical vocabulary.

To promote our SMSC (Social, Moral, Spiritual and Cultural) values throughout lessons.

To promote our British values within the Maths curriculum.

Areas for development

Plan and prepare lessons in line with the National Curriculum Programme of Study and our school's assessment tool.

Differentiate the curriculum offer to meet the needs of all learners in the lessons.

Teach sequences of learning that builds on previous skills and knowledge.

Teach the correct use of Mathematical vocabulary so that our pupils become familiar with the language associated.

Provide concrete (hands on), pictorial, symbolic and abstract concepts to support the learning of our pupils.

Support questioning / questioning styles to promote problem solving activities.

Offer opportunities to apply concepts in different contexts.

Give the children opportunities to explore a range of learning styles both in and out of the classroom.

Teach the 4 operations and give opportunities to use and apply these in other areas of the maths curriculum.

Plan, prepare, deliver and assess lessons covering the 4 main areas of maths in line with the school's assessment tool:

Number

Geometry

Measures

Statistics