

Maths at Stanley Grove Primary Academy



At Stanley Grove Primary Academy we provide a curriculum that has been designed for our community. Our carefully selected drivers shape the curriculum, bring about the aims and values of the school, and respond to the particular needs of our pupils: **Communication:** we listen, express ourselves, collaborate and perform with confidence; **Exploration:** we are curious to dig deeper, make links and have new experiences ; **Creativity:** we are reflective and use our imaginations to problem solve and create something new of value. Blending knowledge and skills, our curriculum is rich in language and vocabulary, and learning is supported through enriching experiences.

As a **Gold UNICEF Rights Respecting** and **Nurture UK** school, we promote children's rights, nurture principles and the British values of democracy, rule of law, individual liberty, mutual respect and tolerance of others.

Why we teach Maths

At Stanley Grove Primary Academy, we believe maths helps children understand and engage with the world, from everyday tasks such as managing money to analysing data in an ever-increasing digital world. The reasoning skills developed through a rich mathematical curriculum are vital for the future of our children. EYFS are taught number and shape. Our new scheme for Years 1-6, White Rose Maths, ensures maths is taught consistently and ensures full coverage of the 2014 National Curriculum.



How we teach Maths

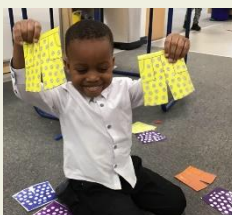
Mathematics at Stanley Grove Primary Academy follows the mastery pedagogy with robust and clear progression through mathematical concepts. We use the White Rose Maths scheme to provide a comprehensive and expertly designed journey through the world of mathematics. White Rose Maths is based on a small steps approach that keeps all learners together. By using the resources across the school, we ensure consistency of the mathematical elements and comprehensive coverage of the curriculum. We believe that this approach facilitates consistent delivery of mathematics across the school and across the attainment range within year groups. We have high expectations of every child, promote a growth mindset and believe that all children can learn to love maths.

Our links with the North-West Maths Hub has enabled us to collaborate with other schools to support professional development at Stanley Grove Primary Academy.

What maths looks like at Stanley Grove

Following a mastery pedagogy has had a considerable impact on teaching and learning at Stanley Grove Primary Academy. Children are taught concepts using concrete, pictorial and abstract methods. Maths lessons include the use of manipulatives and working walls to support and embed children's understanding of mathematical concepts.

Lessons follow the same structure and children are taught maths for 60 minutes every day, including arithmetic and mathematical reasoning.



Useful Resources:

If you would like to learn more about the way maths is taught in our school, please right click anywhere on the picture below and click 'open link'



whiteroseeducation.com/maths-with-michael

<https://whiteroseeducation.com/>

<https://ttrockstars.com/>

"I love ttrockstars competitions against the other classes!" Arisha 4 Modahl

"Maths becomes easier when I use diennes and counters." Abdullah 4 Modahl

"I enjoy maths because I like exploring numbers and patterns." Ismael 4 Modahl

"I love how quickly and easily I can solve maths problems when my teacher has explained the concept!" Saadh 5 Modahl

Communication

Exploration

Creativity