



Curriculum Intent Statement

Mathematics

*“Without mathematics, there’s nothing you can do. Everything around you is mathematics.
Everything around you is numbers.”*

– Shakuntala Devi

At Westbury Junior School, we aim to provide a curriculum that is accessible to all and enables every child to reach their potential. Our lessons are creative and engaging, supporting children to make rich connections across mathematical ideas and with other areas of their learning, language and their lives.

We promote a mastery approach to teaching and learning, (by following the White Rose scheme) and ensure there is broad and balanced coverage of the National Curriculum. Number is at the very heart of our curriculum and children learn to reason, problem-solve and become fluent across all objectives and areas of mathematics. Children’s learning is supported with a variety of concrete and pictorial models to develop their understanding of abstract concepts. Content is taught alongside appropriate vocabulary and opportunities for oracy are maximised. We aim to minimise barriers to learning and improve consistency by using methods and practices also used at Westbury Infant School.

Pupils at Westbury Junior School will leave Year 6:

- With a love of maths and a strong sense of curiosity
- With an enjoyment of solving challenges and looking for answers
- With a firm grasp of key maths facts, including times tables up to 12 x 12
- With working knowledge of appropriate vocabulary to describe their learning
- Using number with confidence to add, subtract, multiply and divide
- Able to describe, measure and manipulate shape in two and three dimensions
- With an understanding of statistics and how data can be represented
- Able to use time, money and units of measurement
- Able to explain their reasoning and knowledge verbally
- Able to apply new learning to a wide range of contexts
- Able to explain and rationalise using mathematical logic
- Able to apply their mathematical knowledge and understanding in other curriculum areas and in their own lives
- With a strong foundation for understanding the world around us