



Maths

Intent

At Burghclere Primary School, we endeavour to foster a deep understanding of mathematical concepts while promoting collaborative learning and critical thinking skills, through the use of a mastery approach. We aim to create an inclusive environment where students can learn from one another, and build confidence in their mathematical abilities. The curriculum is designed to ensure that all students, regardless of their individual starting points, are challenged and supported to reach their full potential. Emphasis is placed on fluency and problem solving, preparing students not only for future academic success but also for lifelong engagement with mathematics.

Implementation

All children have a daily maths lesson as well as a 15 minute fluency lesson. In EYFS we follow Mastering Number to cover the number part of the curriculum and White Rose to cover shape, space and measure. Children will work towards the curricular goal of creating and playing maths games. In KS1, we follow White Rose planning and children are taught separately in Year 1 and 2. Children's work is recorded in the White Rose booklets. In KS1 we use Mastering Number to develop early number recognition, skills and fluency. In KS2 we follow White Rose mixed age planning and resources as the basis for our maths provision. This is a well-structured scheme, which develops skills and knowledge in small steps which build progressively. Work is recorded on White Rose printed sheets which are stored in folders. Lessons are adapted to support access for children who require it and a range of models, images and concrete resources are used regularly to support the acquisition of understanding towards the abstract.

Impact

The school will measure the impact of the maths curriculum through:

- End of unit White Rose assessments
- End of term White Rose assessments
- The number of children meeting key objectives each year and the progress and attainment at the end of KS2 in the SATs
- Assessment for learning in each lesson through questioning, activities and mini quizzes
- The childrens' engagement and enthusiasm for maths (learning walks and pupil conferencing)

