

Wooler First School Maths

Intent

At Wooler First School, maths education should be fully inclusive to every child. It is our aim to instil a love of maths in all our children while fulfilling the requirements of the National Curriculum. We wish to inspire in pupils a curiosity and fascination about math that will remain with them for the rest of their lives. We use the scheme Inspire Maths to ensure the progressive development of mathematical concepts, knowledge and skills. From EYFS to Year 4 children will experience maths through a concrete, pictorial abstract approach and will have opportunities throughout the curriculum to apply the knowledge and skills they have learnt. We will create opportunities to link maths with other subjects.

Implementation

To ensure high standards of teaching and learning in maths, we implement a curriculum that is progressive throughout the whole school. Maths is taught using the Inspire Maths scheme. Teachers plan lessons for their class using the scheme as a starting point and use their knowledge of the National Curriculum and teaching experience to add support and challenge for children as appropriate.

We use practical resources and pictorial representations to support the teaching of mathematics.

We develop subject knowledge and key skills, while differentiating the work for all abilities when appropriate. In order for children to know more and remember more about mathematical concepts they have been taught opportunities to recall and learn new mathematical understanding are built into lessons. Teachers also use any spare minutes to revise this during other parts of the school day, e.g Year 1 has a 'knowledge box' which children use to answer questions and build vocabulary from. Through revisiting and consolidating skills, we help children to build on prior knowledge alongside introducing new skills and challenge.

Impact

Children at Wooler First enjoy maths lessons and look forward to learning more and developing new skills. The children are encouraged to practice their mathematical skills independently to further their own enjoyment and success. This might take place in the classroom and at home through set homework activities. Evidence of work shows progress in maths in each year group and that work is differentiated where appropriate. Standards in maths are high and match standards in other subjects.

Impact is measured through informally assessing the children's understanding before and after each maths concept is taught; marking of work in books; discussions with pupils throughout each unit. Pupils are assessed against the curriculum expectations for their year group at the end of the year. SLT are kept informed through moderation, subject reports and annual subject action plans.