



Growing

Teaching staff are good role models to our children. Staff ensure lesson sequences are delivered to support pupil confidence and resilience. Cross curricular maths offers a way for pupils to develop their knowledge, skills and understanding. Helps them to become motivated to learn through a series of interconnected topics. Children begin to think about problems in a logical and sequential way.

Resilient

Core maths lessons are taught daily. Mathematical learning runs throughout the school day and we operate additional fluency to embed children's knowledge and understanding (maths blast). Roe farm staff promote confidence and competence with numbers and the number system at levels appropriate to individual children. We focus on developing the individual ability to solve problems through decision making and reasoning in a range of contexts.

Head, Heart, Hands

Working walls are used in classrooms to support and facilitate learning. These aid retention, encourage independence and support the development of vocabulary. Teachers use a variety of resources and representations to make maths concepts accessible for all. Verbal feedback is the first point of marking. Whole classes are taught together with the expectation that every child will be successful in the concept, whilst some will work more deeply on challenging tasks.

Maths INTENT

Opportunities

Teachers always support and encourage and actively assist our pupils to ensure success in maths. Pupils are happy and motivated to challenge themselves through a variety of mathematical questions. Children are encouraged to take risks in maths in order to strengthen their perseverance and love of learning.

Team Work

Teaching staff deliver lessons following the Maths no Problem scheme. Children are exposed to language rich mathematical vocabulary through daily sessions. The MNP framework adopts a maths mastery approach which supports all children to achieve in mathematics. A positive can do attitude is encouraged and children are taught to enjoy working with numbers and problem solve. Collaborative learning is used to give children the opportunities to discuss their ideas and results.

Wonder

At Roe farm we aim to ensure all pupils are proficient mathematicians. We want to create a culture of deep understanding and competence in maths— a culture that produces strong secure learning and real progress. We believe that the concrete, pictorial, abstract method greatly supports children's ability to make connections and develop mathematical talk and reasoning.