



Intent

At North Wingfield Primary and Nursery Academy, we aim to offer pupils a rich and enjoyable experience in mathematics by providing the knowledge, skills, concepts and processes that are appropriate to each individual and that relate to the world around them.

This provision should enable them to:

- Develop a positive and confident attitude towards mathematics and achieve their full mathematical potential.
- Develop logical thinking, enquiring minds and an ability to record in a systematic way.
- Use maths to interpret, predict, explain and solve problems involving as much practical experience as possible.
- Develop the correct mathematical vocabulary and other skills necessary to express their thinking and strategies in an appropriate manner.
- Develop their ability to work independently and collaboratively, as appropriate.
- Use technology within mathematics lessons and in the development of their mathematical concepts.
- Use and apply their mathematical knowledge by making appropriate choices in real-life situations.

Implement

Maths at North Wingfield Primary and Nursery Academy:

- In Reception, Key Stage 1 and Key Stage 2, we use 'Power Maths' as our core lessons. We complement these lessons with consolidation materials such as White Rose if we feel we need to.
- Within the 'Power Maths' lessons the children are guided through the learning then have the opportunity to practice independently and finally challenged with problems in context.
- Every Friday, from Year 1 to Year 6, we have a 'Memory Maths' session. 'Memory Maths' has four questions based on previous lessons to jog the memory.
- Every class from Year 2 upwards take part in the times tables challenge. Children are challenged on all their times tables with a time limit.
- At North Wingfield, we also use 'Times Tables Rock Stars' as a multiplication homework tool.
- In the Foundation Stage, children engage in learning which is supported by Development Matters and the Early Learning Goals.

Impact

As a result of our maths teaching at North Wingfield you will see:

- Engaged children who are all challenged.
- Confident children who can all talk about maths, their learning, and the links between mathematical topics.
- Lessons that use a variety of resources to support learning.
- Different representations of mathematical concepts.
- Learning that is tracked and monitored to ensure all children make good progress.