

The Maths Curriculum at Scargill Junior School

Intent

At Scargill Junior School it is our intent to deliver a Maths curriculum that.....

- Prepares and equips all children with the basic mathematical knowledge to transition from KS2 to KS3.
- Enables all children to have access to a high quality maths curriculum that incorporates sustained levels of challenge, progression and pace.
- Focuses on developing the mathematical life skills of: fluency, reasoning and problem solving in preparation for life beyond school.
- Promotes and encourages the values of resilience and perseverance, promoting a learning environment whereby it is accepted that challenge is a necessary step in any learning.
- Inspires children to be able to understand the world; have the ability to reason mathematically by explaining, justifying and proving their thoughts and calculations.
- Enables children to realise that mathematics has been developed over centuries, providing the solution to some of history's most intriguing problems.
- Gives children an appreciation of the beauty and power of mathematics and create a sense of enjoyment and curiosity about the subject.

Implementation

We will do this by:

- Ensuring that maths is coherently planned and sequenced in- line with the national curriculum expectations and previous skills.
- Use carefully chosen resources that challenge children's fluency and reasoning skills.
- Making classrooms a maths rich environment which models key facts and vocabulary to further support children's understanding.
- Ensuring that lessons are tailored to meet the needs of ALL pupils.
- Promoting learning moments which test children's resilience and perseverance.
- Making lessons, enjoyable, engaging and built on mathematical life skills.
- Revisiting skills and knowledge to deepen children's understanding further.

Impact

The impact of this will be that:

- Pupils achieve in line with or above government expectations.
- Pupils can clearly articulate what they are learning and why.
- Pupils are engaged with their learning.
- Pupils have a love of maths and are confident with the concept of challenge.
- Pupils appreciate and value how maths sits in the wider world.
- Pupils have a thirst for knowledge and are keen to deepen the understanding further.