



Maths Intent Statement

Overall aim: To teach pupils to become fluent in the fundamentals of mathematics, applying their declarative knowledge to procedural methods and then conditional reasoning.



- Aspiring to make measurable progress, ready for the next step in education
- Growth in understanding of number, from within 10 in reception up to 10,000,000 in Y6
- Wisdom to use and select appropriate concrete resources and pictorial representations of abstract concepts



- Belief in self through resilience and a Growth Mindset
- Strength mentally to persevere with mathematical challenges
- Strength of links between concepts increased yearly
- Trust that sequenced learning will lead to progress



- Connecting number facts to methods and to reasoning
- Connecting areas of maths together
- Connecting maths to other areas of the curriculum
- Peaceful maths learning environments
- Friendships developing through peer assessments

Context

Opportunities in school: Promotion of times tables fluency through TTRS, language of reasoning using purple pen, cross curricular links & STEM weeks, focus on mathematical resilience, outdoor maths learning

Opportunities in the local area: Links to Jarrow & Hebburn Comprehensives and to Bedeburn Primary, The Word

Opportunities in Modern Day Britain: Highly-aspirational and practical curriculum ready for the wider world, International Advanced Manufacturing Park (IAMP) creation of 7000 local jobs

End Points

EYFS	KS1	KS2
To know numbers to 10 and some related facts, such as number bonds to 5.	To know numbers facts reliably, such as number bonds to 20.	To know a wide range of number facts across all four operations, including multiplication and division facts, reliably.
To know how to count and compare objects to 10.	To know how to add and subtract numbers using procedural methods.	To know how to add, subtract, multiply and divide numbers and fractions using procedural methods.
To know when number facts can be used to explore and represent patterns.	To know when number facts can be used to solve problems, beginning to reason mathematically.	To know when and why number facts and procedures can be used to solve multi-step problems, applying my reasoning skills effectively.