

Mathematics INTENT, IMPLEMENTATION and IMPACT

INTENT

Children need to develop a mastery of mathematics, efficient mathematical methods and skills. We intend to teach mathematics through:

- A high quality maths curriculum using a mastery approach that has problem solving and reasoning at its core.
- The rigorous development of key aspects of number through regular practice, to develop efficient methods and skills they can use in the real world.
- Developing pupil resilience and independence in problem solving.
- Developing confident mathematicians who are able to understand the world, have the ability to reason mathematically and have an appreciation of the beauty and power of mathematics - preparing them for a successful working life.

IMPLEMENTATION

At Duke Street Primary, our mathematics curriculum is taught through:

Planning

Content - EYFS Statutory Framework 2021 and NC 2014

Planning (long and medium): Lancashire maths planning.

Planning (short term): Daily lessons include a clear learning objective, problem starter, guided learning, independent learning, regular adult/pupil and pupil/pupil interactions, use of mini plenaries/ live marking. Supported by the use of Lancashire planning resources, Red Rose Maths resources, White Rose Maths resources, BBC Numberblocks and NCETM planning support, NCETM Mastering Number Programme Resources, Duke Street Maths Characters, Numbots, TT Rock Stars, Early Bird maths.

Teaching

High quality teaching which offers challenge and fun.

Secure understanding of year group expectations

Effective deployment of adults, specifically during guided learning, plenaries and intervention.

High expectations of all

Learning

High quality learning that offers challenge and fun

Happy, resilient and confident learners

Children demonstrate our ICARE Core Values and a positive growth mindset.

Assessment

Summative, Lancashire termly assessment tests, test base/ past SATS paper, Ready to Progress materials and NCETM resources

Formative - ongoing every day during lessons and after lessons, live marking and feedback.

IMPACT

Tests Mid-year assessments and End of year assessment including EYFS outcomes, SATS (KS1 and KS2) will show good progress is being made.

Pupil Voice will show children are confident, happy and resilient and they talk enthusiastically about maths.

Books will show a pride in maths work, independence, age appropriate content with good progress being made, teacher feedback and interactions during live marking moves learning on and progress groups are in place for those who need additional support to maintain progress.

Lesson observations will show high quality teaching, rich vocabulary, active learning and active assessment by all adults.



