

Curriculum Intent: what we want children to learn



At Gagle Brook Primary and Nursery School, we value mathematics as an important part of a child's entitlement to a broad and balanced curriculum.

Mathematics forms part of our core curriculum and equips children to be able to be fluent in the fundamentals of mathematics, reason mathematically, be able to investigate and solve problems and use the 4 operations to calculate mentally and with written methods.

Through mathematics, children learn to be deep thinkers and apply their learnt skills in to solving problems. We encourage children to develop their own curiosity and challenge themselves in all their learning.



#EveryoneALearner

At Gagle Brook Primary and Nursery School, everyone is a learner...



What will you find in the
Mathematics
box of treasures?

Curriculum Implementation: how we do it at Gagle Brook

At Gagle Brook Primary and Nursery School we use the Mastery approach to the teaching of maths. This means spending longer time on topics and going in to greater depth of understanding, learning of all the skills and knowledge, at a measured pace to ensure no child is left behind.

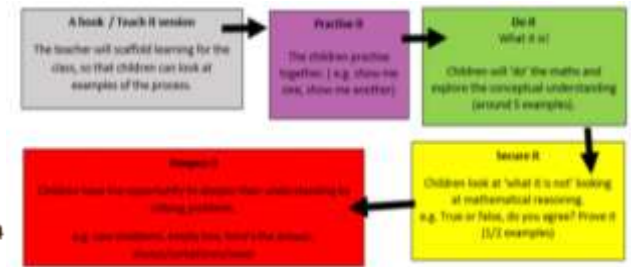
We provide deeper and rich experiences through engaging maths lessons to enable the children to grasp concepts of the age related curriculum. The majority of children access the curriculum suited to their chronological age.

We have a calculation policy that underpins how we teach the 4 operations including the use of bar modelling, pictorial and abstract representations.

We always have a 'can do' attitude to maths!

Maths lesson (45minutes) every day
Hook, Teach It, Practise It Do it! Secure it! Deepen it!

'Maths on Track' Meeting (15minutes) every day
Time to review, practicing number skills and developing quick recall of arithmetic.



Curriculum Impact: the celebration of learning

Continuous assessment for learning takes place through observations, pupil conferencing and verbal feedback.

Teachers use these formative assessments to inform future lessons; ensuring children are supported and challenged appropriately.

By the end of Key Stage Two we aim for the children to be fluent in the fundamentals of mathematics with a conceptual understanding and the ability to recall and apply knowledge rapidly and accurately. They should be able to apply their skills to real life situations, provide proof and justification about their reasoning using mathematical vocabulary.

The 6 Principles of Teaching and Learning:

Challenge

Explanation

Modelling

Practice

Questioning

Feedback