

# Blackmoor Park Infant School and Kindergarten



## Our Maths Curriculum Intentions

As a whole school, we - all staff and children - have decided together exactly what we wanted to gain from our maths lessons and we have designed our new curriculum coverage from these ideas.

### Growth Mind set

We at Blackmoor Park Infant School understand that growth mind set is very important in regards to a child's willingness to persevere with their learning and enjoy learning in every subject. We ensure that as a school we show our love for maths - how much fun it can be and how it they can apply their learning in the real world. We celebrate maths achievement each week with a 'Maths Magician' celebration in assembly.

### Plugging the Gaps

We have planned in to each day a ten minute session focused purely on practising basic skills separate from the maths teaching session. We focus on plugging any noticeable gaps the children have, and gaining fluency in number facts and the four operations. We ensure problems are based in a real - world setting to give children context and a deeper meaning.

### Low threshold, high ceiling tasks

We want to ensure that every child is given an opportunity to succeed at their own level for every objective. We don't put a ceiling on children's learning, we have high expectations of every child and give every child the same learning experience to allow their fluency and reasoning to flourish. In order to meet the needs of all learners we provide differentiation in a range of ways:

- Further challenge,
- Reasoning tasks,
- Open ended problem solving,
- Availability of concrete and pictorial resources,
- Adaptation of questioning,
- Peer support through mixed ability groups and partners
- Adult support.

## Challenge for all

We ensure that all children are given the opportunity to access challenges at their own level of learning. Due to this, children's fluency and reasoning skills are able to flourish and children's self-esteem is given a boost. A positive attitude and high motivation is seen from all children when they are ready to access their challenge.

## Real life situations

We recognise the importance of applying maths objectives into real life situations to give children a meaning and purpose to their learning of maths. We show how children can use maths in all areas of life inside and outside school, including using money, measuring to build, and spotting patterns, ensuring that children recognise maths is not just a stand-alone lesson, maths is important everywhere!

## Fun!

We want children to really enjoy their maths lessons and have a high motivation to achieve. We try to add an element of fun to all of our maths lessons, through use of games, practical hands on activities and teamwork. We try to link our maths to other areas of the curriculum so that children can make links to every day experiences using maths.

We promote a love of learning maths across the whole school. We show children that maths can be fun and engaging and very important in everyday life. Children at Blackmoor Park show high levels of motivation and enjoyment in maths lessons and show a resilience in their lessons, knowing the importance of always trying their best, even if they don't get the right answer straight away.

