

# Calculation Policy Workshop for Parents

June 2018

# Itinerary

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- How our children will calculate
- Having a go
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# Aims of the Curriculum

The national curriculum for mathematics aims to ensure that all pupils:

- Become fluent in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately.
- Reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language.
- Can solve problems by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.

# Calculation Policy

It is necessary to ensure consistency and progression of methods for calculation throughout the school.

This guidance provides teachers with a clear path of progression in calculation, allowing them to help children progress and identify stages of progression that children are struggling with.

# Statutory Calculations

- Expectations are high. Basics are the key
- Column addition & subtraction in Year 4
- Short multiplication in Year 5
- Long Division in Year 6
- Children have to know  $12 \times 12$  by the end of Year 4. 2016-17 KS2 SATS will contain a times table test.

# Multiplication and division

Today we will focus on multiplication and division from Foundation Stage through to Year 6.

# What now?

- The policy will be available online on the school website. There are also paper copies for you to take away.
- Use the policy to help your children with homework. Ensuring consistency is why we are implementing the policy.
- Help by using Mathletics and BBC Bitesize little and often.
- Any questions?