



# Helping your Child Develop the Skills to Achieve

# **Greater Depth**



Dear parents & carers,

As you will be aware, the current Y6s will be taking their Standard Attainment Tests (SATs) towards the end of the year. As part of our drive to challenge our children, as well as help them to reach their full potential, your child has been identified as *possibly* having what it takes to reach the "greater depth" Maths standard for Year 6.

Whilst we will of course be doing all that we can at school to challenge your child in Maths, we are of course aware that parents & carers may wish to help & support their child at home.

This booklet aims to share just a few ways in which you can support your child as they aim for those higher level maths skills!

Working together in the education of your child,

Karole Sargent Headteacher

### What is greater depth?

More able pupils are not encouraged to move up to the learning being taught in the year above, but to spend time ensuring that they have fully grasped the learning in their own year group and are able to explore this in variety of ways.

We can compare it to looking round a house. You could quickly explore a large house by moving up floor to floor, however the house can be experienced in much greater detail if you stop to really look at the rooms on each level!

This means that pupils working at greater depth should be able to:

- Apply their skills and knowledge consistently, confidently and fluently.
- **Transfer** their learning to different contexts.
- **Organise** their ideas to make connections with other areas of learning.
- **Explain** what they have done and why they know they are correct.
- **Prove** whether or not something is true, giving examples.



#### So greater depth is not...

- Working on content from the next year group.
- Practising the same concept with bigger numbers.
- Reading more challenging mathematical words.

### Fluency, reasoning, problem solving

These are the key areas of mathematics that we will be working on in Year 6:

- Becoming **fluent** by practising skills in varied ways, so that they can recall and apply their knowledge rapidly and accurately.
- Being able to **reason** mathematically by making generalisations, and proving statements using mathematical language.
- Solving problems by applying mathematical skills in different ways.

#### Important mathematical language

- Explain
- Justify
- Express

- Give examples
- True or false
- Odd one out



