# Maths at Monks Risborough

Parent Workshop – Addition and Subtraction

Tuesday 27th June 2023

While you wait please help yourself to a drink / biscuits and take a look at some of the maths resources we use in school.

# Welcome!

# Aim of Today



- To help you gain a better understanding of how your child is taught  maths at Monks.

- To show the maths strategies that we use in school and their progression through the school.

- To share some useful tips on how to support your child's understanding of maths at home.

# National Curriculum



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

- become **fluent** in the fundamentals of mathematics 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, justification or proof using mathematical language.
- can **solve problems** by applying their mathematics to a variety of routine and non-routine problems.

# White Rose Maths

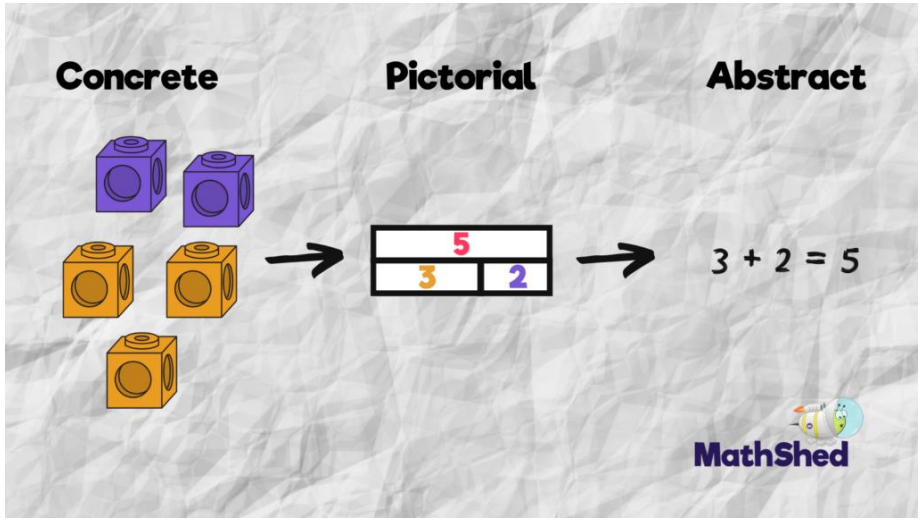
- Scheme of learning used from EYFS through to Year 6.
- Carefully mapped out to get full coverage of the National Curriculum.
- Shows a variety of representations so the children get used to seeing problems shown in different ways.
- Covers all 3 key parts of mathematics.
- We use a selection of other resources to accompany WRM to keep the children's interest.



# CPA Approach



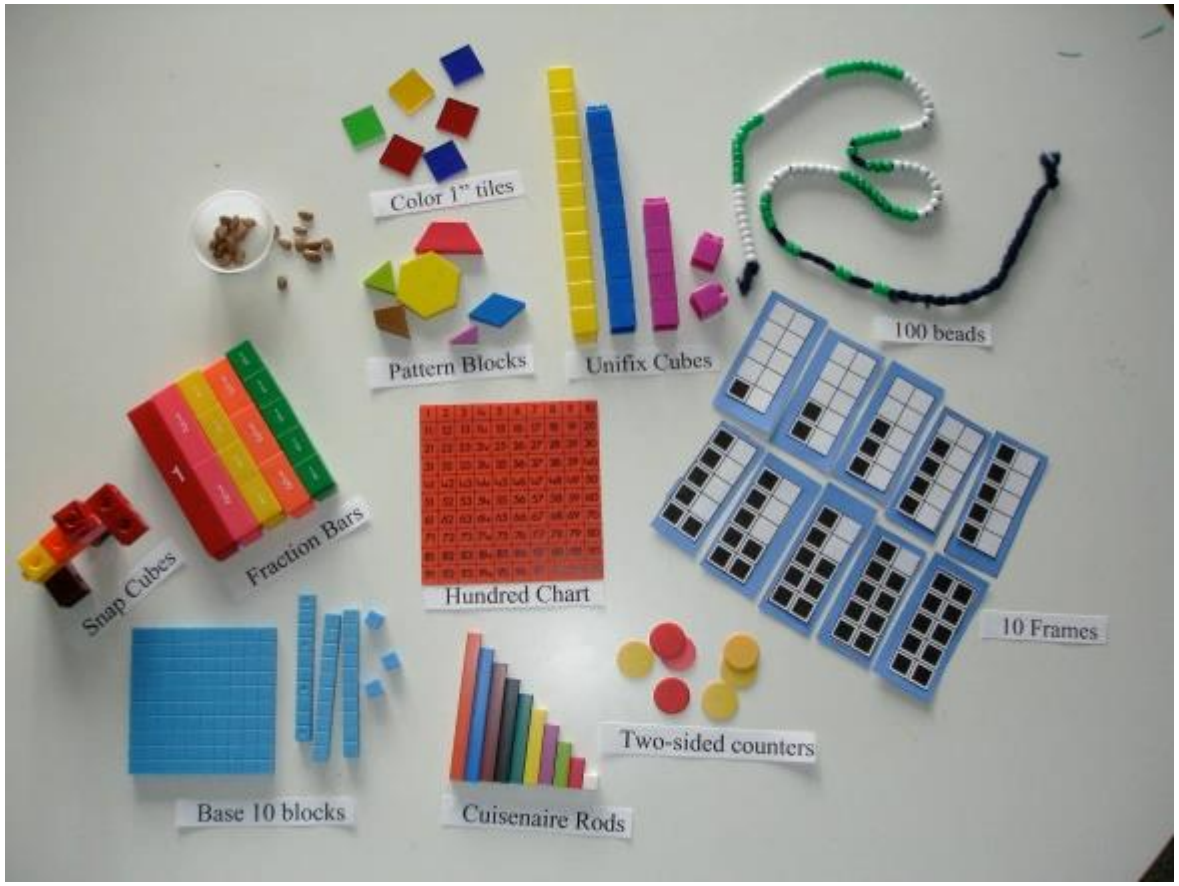
- **Concrete** – the children use carefully selected manipulatives to expose mathematical structures and concepts.
- **Pictorial** – the work is then moved into pictorial representations of the same concrete apparatus.
- **Abstract** – the children are presented with the numerals or word forms to solve calculations.



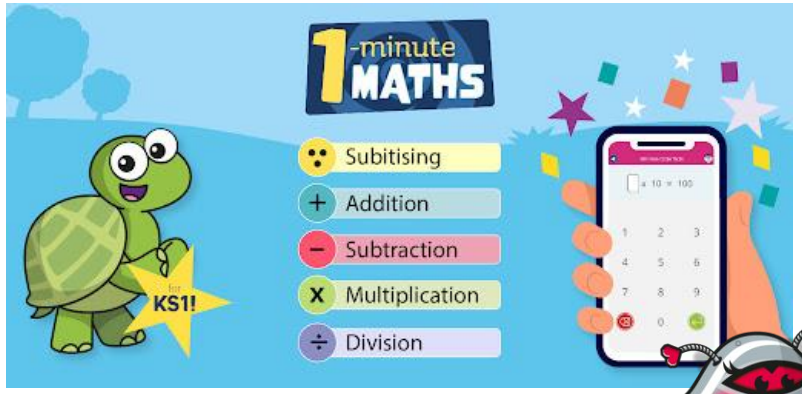
# Concrete Apparatus / Manipulatives



Are there any questions about any of the apparatus around the room?



# Online Resources












Please ask if you need logins for any of these!

# How can you help at home?



- *Make maths practical and use real-life materials.*
- *Don't be afraid to use challenging mathematical language with your children and ensure they have an understanding of the meanings of these words.*
- *Talk about both **time** and **money** with your children as these are often the 2 most challenging and fundamental parts of maths.*
- *Play games with your children that involve maths (even if that is counting out the cutlery for dinner!)*
- *Consider allowing your child time online to complete their TTRS or Numbots work.*

# What you will see today



- Today all classes will be focusing on addition and subtraction
- Across the school we will be showing a range of strategies to show the both of these operations progress with the children's abilities.
- Not all children will be using the same strategy but that shows that the children are aware of what if effective and efficient for the question in front of them.

# Find out more!

https://www.mrisborough.bucks.sch.uk/maths/



# Parent Questionnaire



Please take some time to fill out the parent questionnaire before you leave today.

You can hand them in to any member of staff and they will get back to me!