

# Supporting your child with Maths

January 2023

The background of the slide is a light blue gradient. It is filled with a dense, overlapping field of colorful numbers and mathematical symbols. The numbers range from 0 to 9 and are rendered in various colors including purple, blue, green, orange, and yellow. Some numbers are larger and more prominent, while others are smaller and more faded. Mathematical symbols like the plus sign (+), minus sign (-), multiplication sign (x), and division sign (÷) are also scattered throughout the field.

# Our School Prayer

**S**t. Joseph's is our school.

**T**each us Lord, to Love, Learn and Grow together.

**J**ust as you guided your beloved son, Jesus.

**O**pen our hearts to your plans for us and

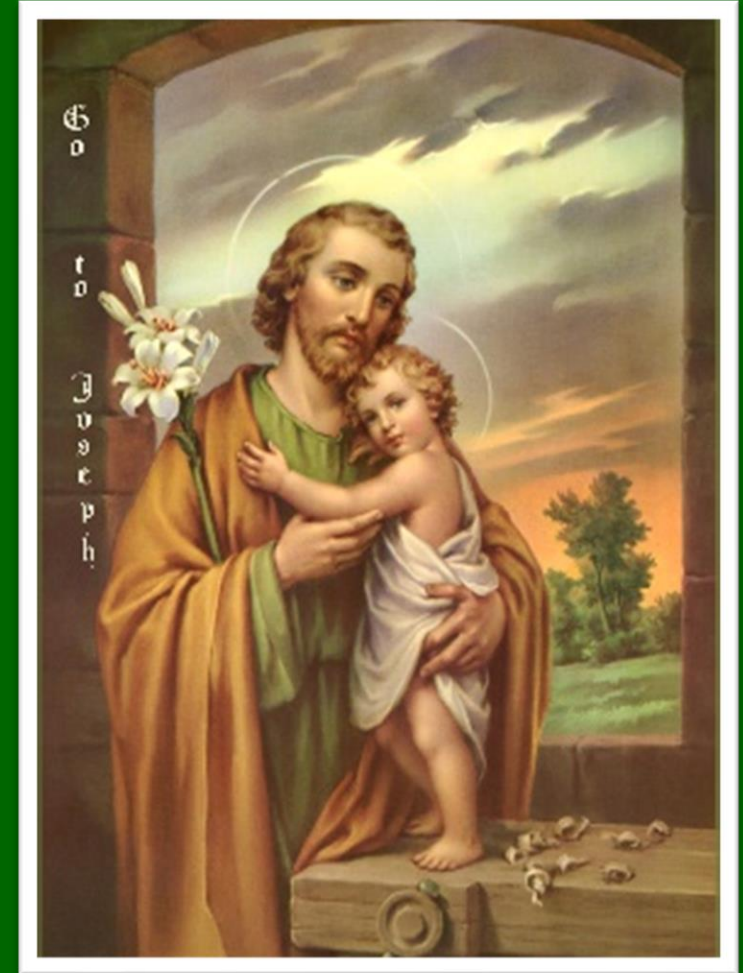
**S**how us your path to follow.

**E**ach day, help us to feel your presence among us,

**P**rotecting us on our journey.

**H**oly Spirit be with us.

**S**t. Joseph pray for us. Amen



# Supporting your child with Maths



St Joseph's  
Catholic Primary School

Number  
facts and  
times tables

Number bonds  
Quick recall  
Times tables  
Everyday Maths

CPA  
Approach

Examples of CPA  
How can this help with  
homework

Maths for  
parents

How do I feel about  
Maths?  
How do I talk about  
Maths?

# Supporting your child with Maths



St Joseph's  
Catholic Primary School



Maths for  
parents.

How do I feel about  
Maths?  
How do I talk about  
Maths?

**QUIZ!**

How often in a Year 6 SATS paper will a child use a times table fact or an addition/subtraction fact?

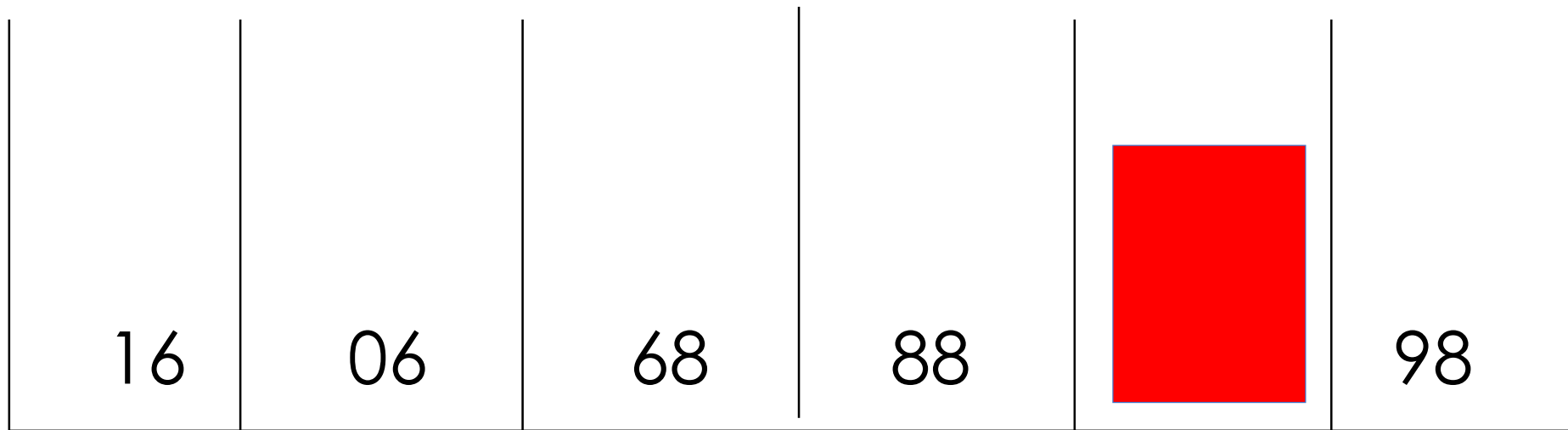
Every 6 seconds

What percentage of parents would rather clean the toilet than work out a maths problem?

65%

(and even higher say they were never any good at Maths.)

In what number parking spot is the red car parked?





# What do we want for your child?

To develop a passion for Maths.

To ensure all children grasp basic skills so they can build on this.

To become **fluent** in the fundamentals of mathematics, including the varied and regular practice of increasingly complex problems over time.

To **solve problems** by applying their mathematics to a variety of problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.

To **reason mathematically** by following a line of enquiry, understanding relationships and generalisations, and developing an argument, justification or proof using mathematical language.

To show resilience.

To be able to apply mathematical knowledge to other subjects and life in general.

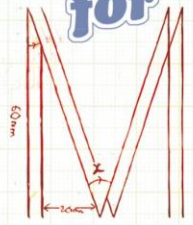
REVISED AND UPDATED

MATHS



MUMS

for



and

TAKE THE PAIN OUT OF  
MATHS HOMEWORK

$$\begin{array}{r} 3)939 \\ \underline{393} \\ 1332 \end{array}$$
$$\begin{array}{r} 460+ \\ \underline{644} \\ 1104 \end{array}$$

$$\begin{array}{r} 76 \quad 110 \quad 110 \quad 110 \\ \underline{274} \quad 280 \end{array}$$

Rob Eastaway  
and Mike Askew



# Why do we do things differently now?

Teaching how or why something works.

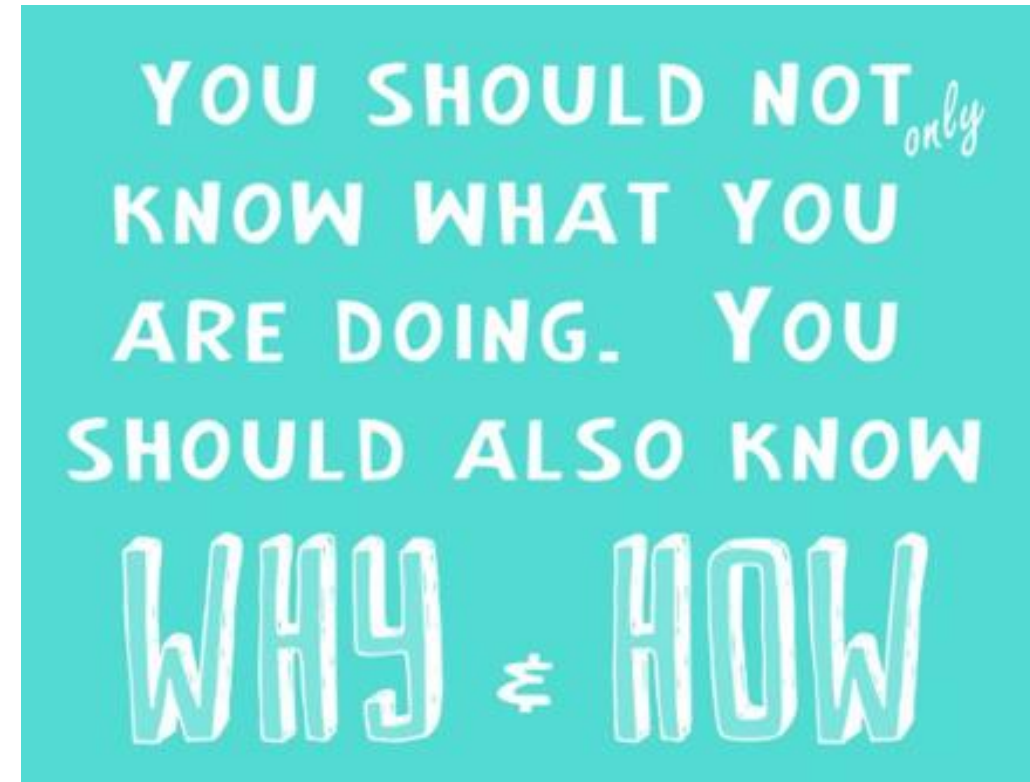
Allowing children to make mistakes, spot them and learn from them.

Develops number sense in children.

Not just teaching a method and expecting children to follow it. It is like a map.

Helping children to remember it.

Will eventually join up with methods you did at school – just more steps to get there!



# How can I get my child to enjoy maths and be good at it?

Very closely related! Children will do better the more time they spend doing it. The more they enjoy it, the more time they will want to spend on it!

Lots of positive feedback!

Don't tell them their answer was wrong.

Make mistakes yourself – show them that it is a good thing!

Ask them to explain their working out, even if it is right.

Be positive about your own abilities!

Stuck? Take a break!

# Supporting your child with Maths



St Joseph's

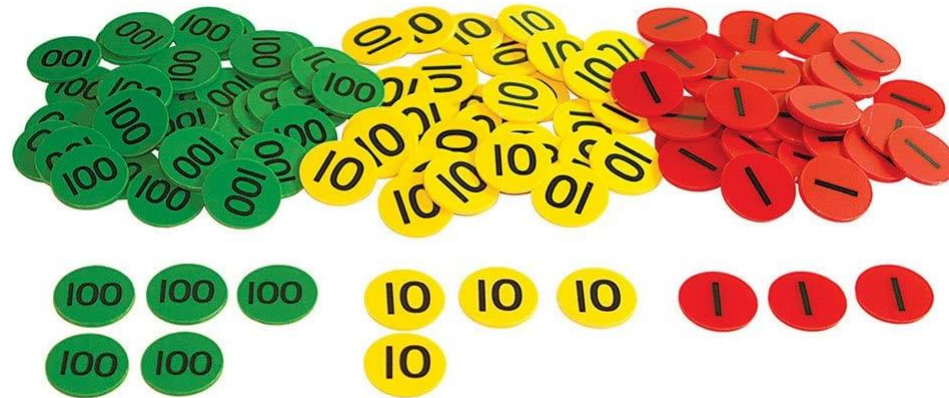
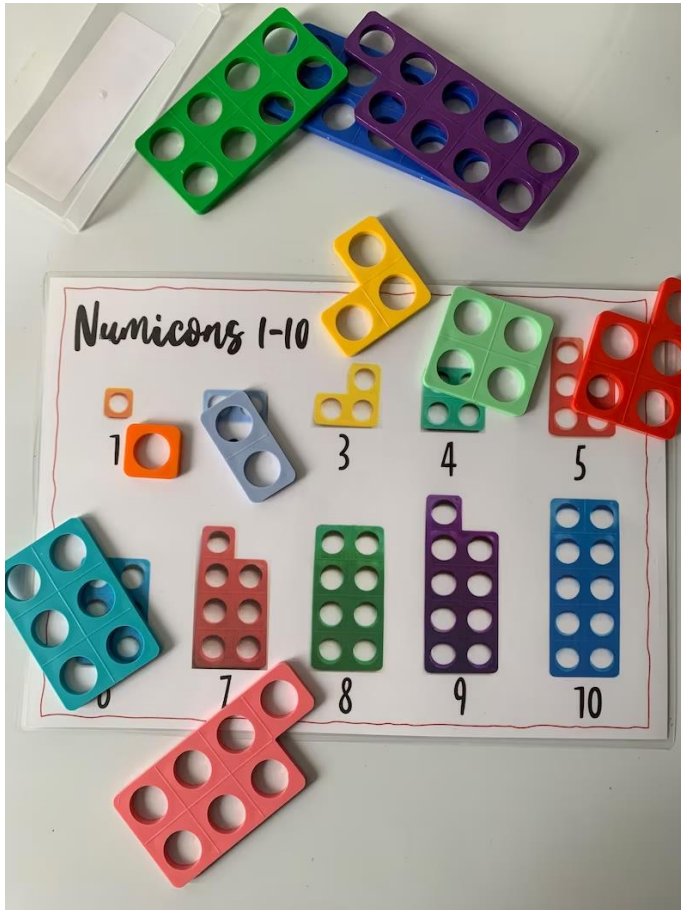
Catholic Primary School



CPA  
Approach

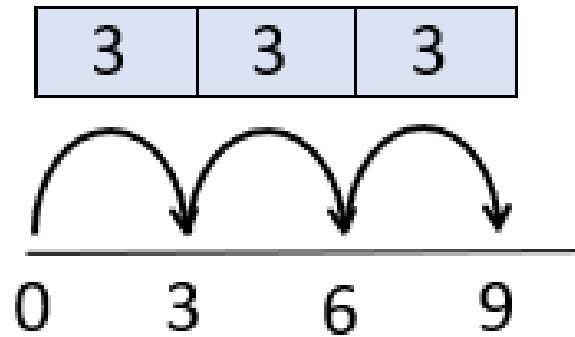
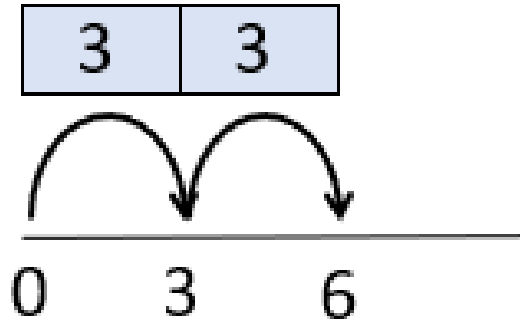
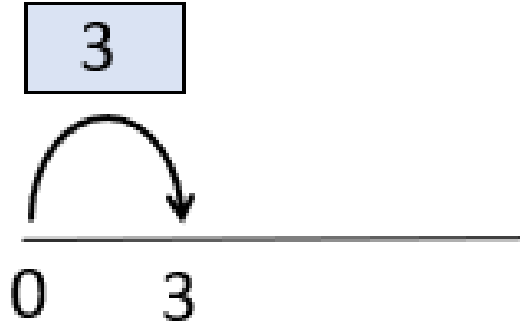
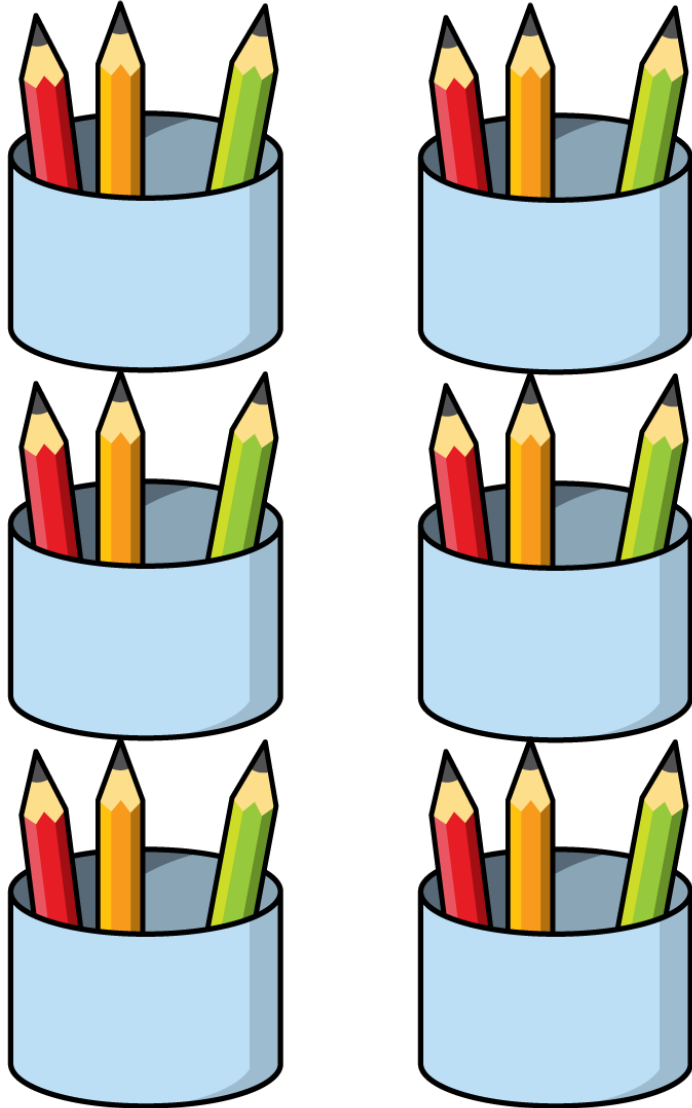
Examples of CPA  
How can this help with  
homework

# Concrete






# Pictorial



# Pictorial – How could drawing it help?

**Question 1:** There are 9 children at the party. There are 7 boys.  
*How many girls are at the party?*

**Question 2:** There are 9 children at the park. There are more girls than boys. *How many boys could be at the park?*

**Question 3:** There are 9 children at the park. There are 3 more girls than boys. *How many girls are at the park?*

**Question 4:** There are 11 children at the party. There are 3 more girls than boys. *How many girls are at the party?*



# Abstract

$$6 \times 3 = 18$$

$$3 \times 6 = 18$$

$$3 + 3 + 3 + 3 + 3 + 3 = 18$$

$$6 + 6 + 6 = 18$$

$$18 = 3 \times 6$$

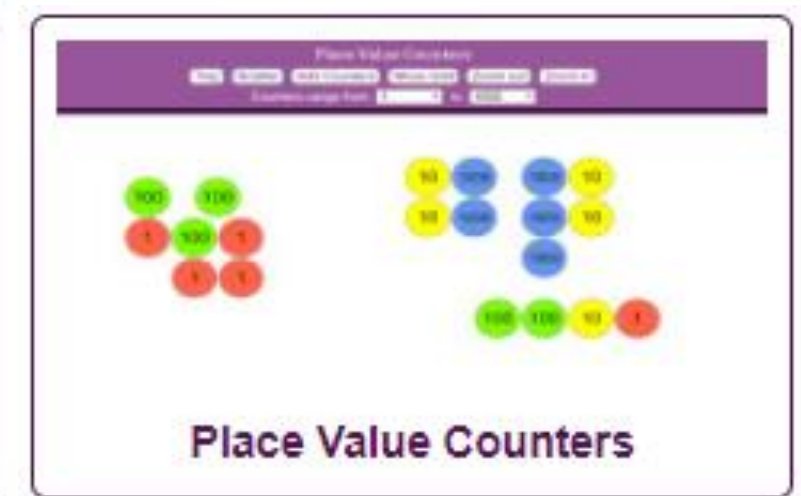
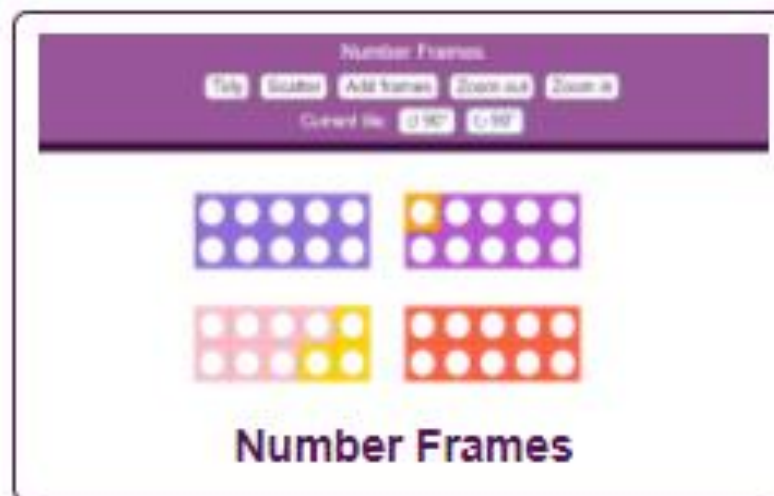
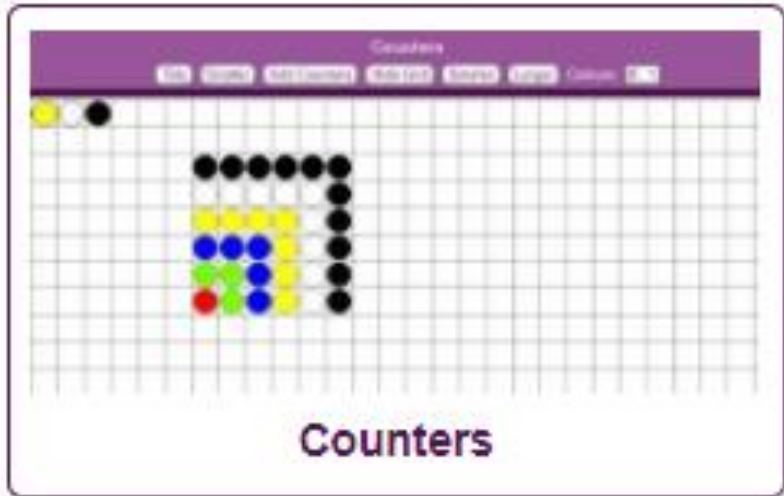
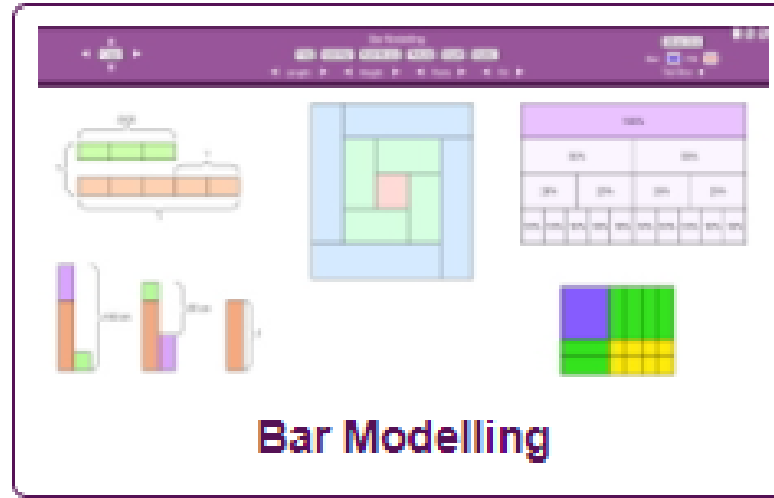
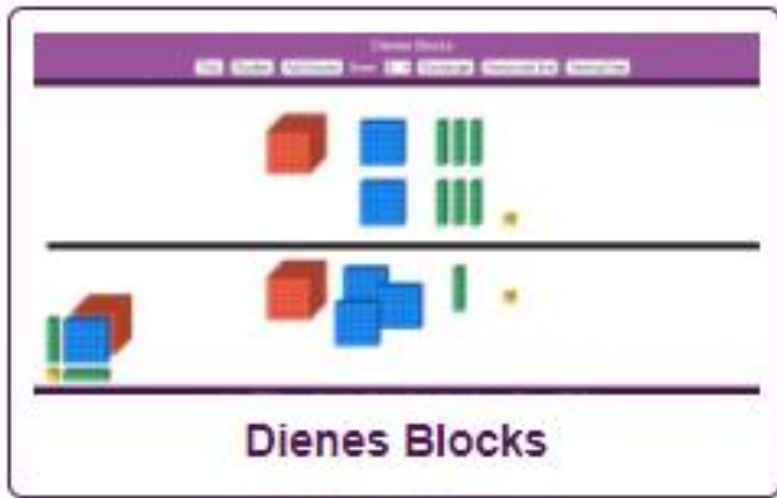
$$18 = 6 \times 3$$

$$18 = \underline{\quad} \times 6$$

$$6 \times 3 = 3 \times 6$$

$$19 > 6 \times 3$$

$$2 \times 6 < 6 \times 3$$



<https://mathsbot.com/manipulativeMenu>

# Supporting your child with Maths



St Joseph's  
Catholic Primary School

Number  
facts and  
times tables



Number bonds  
Quick recall  
Times tables  
Things you need at home

# Number Facts

Quick recall of key facts is essential to build a child's fluency.

Number bonds to 10, 20, 100

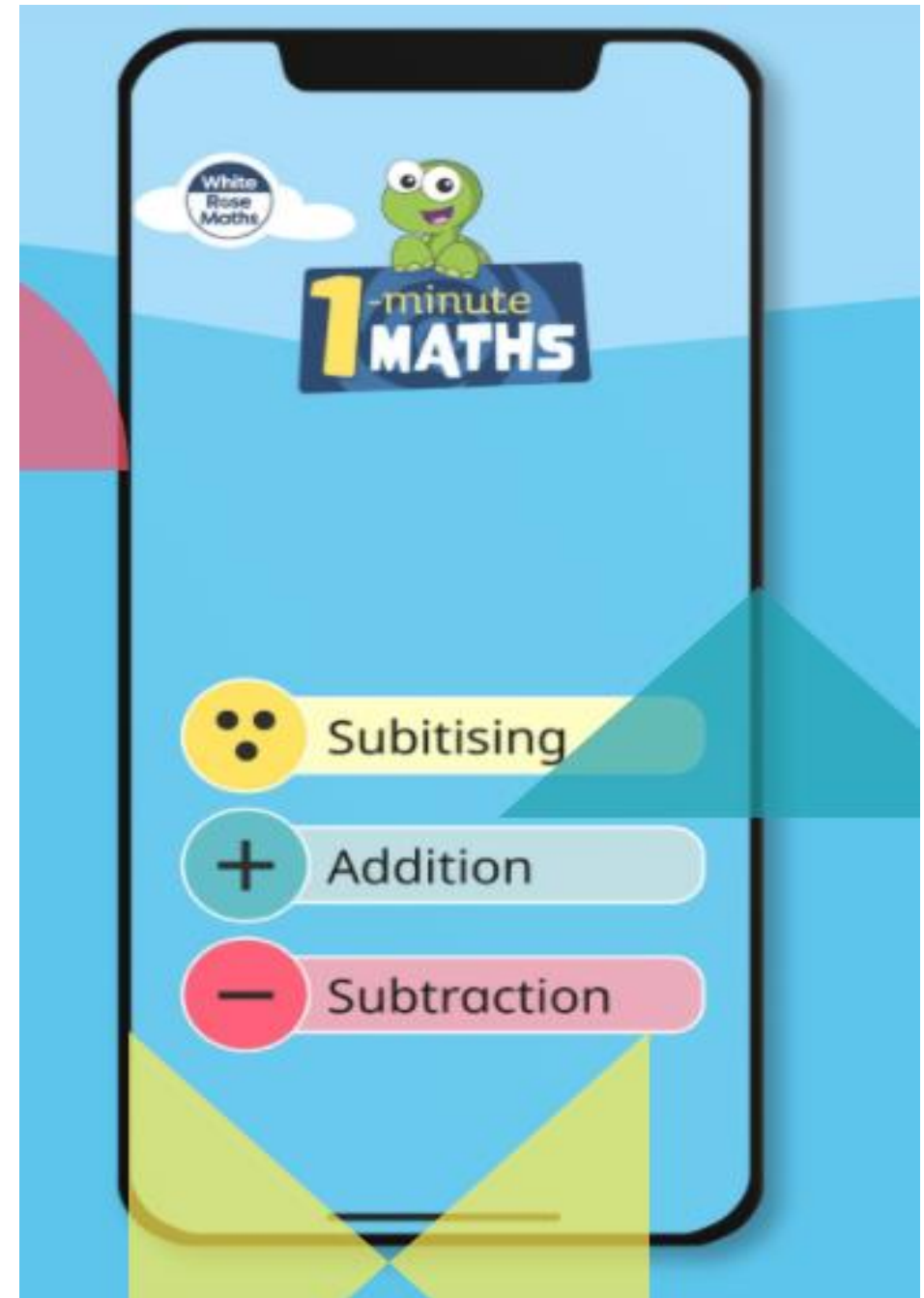
Addition and subtraction facts

E.g  $4 + 5$

Counting in multiples

Relating these calculations together

e.g.  $2 + 8 = 10$  so  $20 + 80 = 100$



# Times Tables

All children in KS2 (and Year 2 as they are ready) are set a number of sessions on a Monday, and these are to be completed by the following Monday.

Years 3 and 4 - 25 sessions

Years 5 and 6 – 30 sessions



# Times Tables



Each session is 1 minute. Children will do 'gigs' to assess their accuracy and speed and the times tables they are given are then as a result of these. You can look at your child's heatmap to see how well they are doing on different times tables. **Your child should be doing a gig once a month.**

# Times Tables

Times Tables Rockstars is not the only way to learn your times tables.



TIMES TABLE COVER SONGS  
4 Times Table Song (Cover of I'm Still Standing by Taron Egerton)



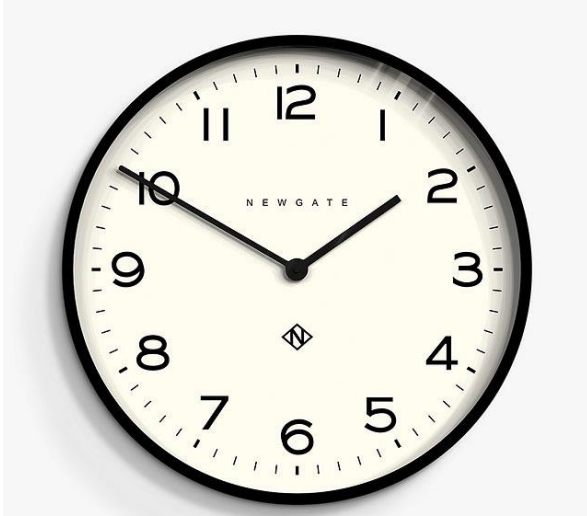
TIMES TABLE COVER SONGS  
2 Times Table Song (Cover of Can't Stop The Feeling! By Justin...)



TIMES TABLE COVER SONGS  
8 Times Table Song (Cover of Rolling In The Deep by Adele)

- Songs
- Chanting
- Quick fire questions
- Games (e.g. hit the button)

# Props for at home



January

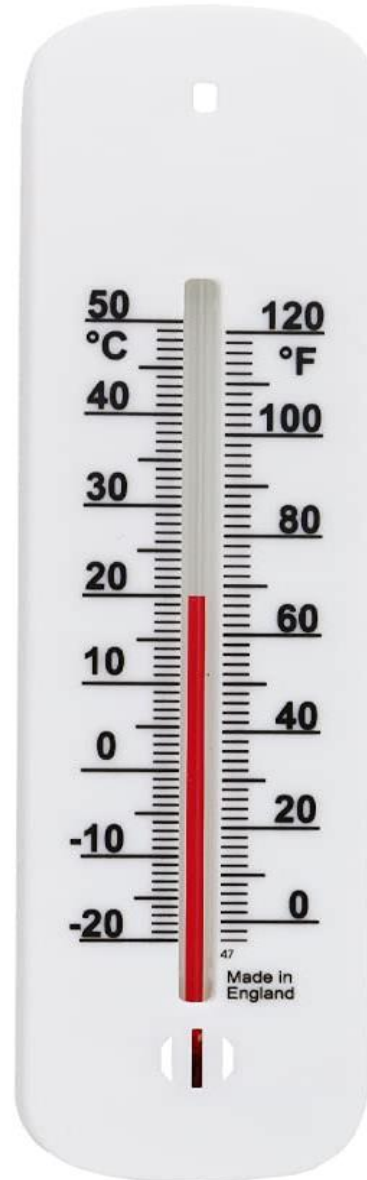
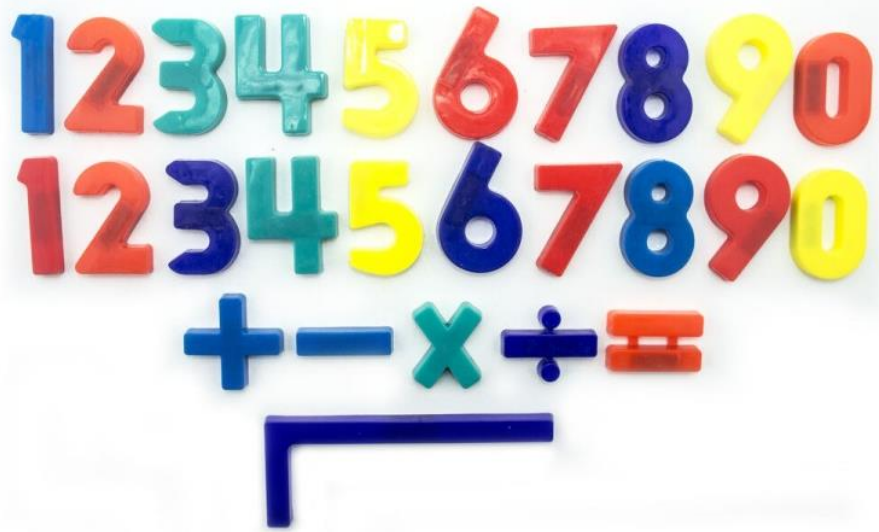
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
						1
	2	3	4	5	6	7 8
	9	10	11	12	13	14 15
	16	17	18	19	20	21 22
	23	24	25	26	27	28 29
	30	31				



# Props for at home



# Props for at home



Thank you for your  
support.

Any questions?

