St David's C of EPrimary School Parents Booklet

Written Methods of Calculations
(Years 1 and 2)

Do your children ask for help with their maths homework and start using words like 'partitioning', 'number lines', 'repeated addition'....? The purpose of this booklet is to outline the various calculation methods that children are taught, many of which look different to the methods that you may have been taught in your school days.

We hope the explanations and examples of strategies will help you to assist your child at home.
A lot of emphasis in Mathematics teaching is placed on using mental calculations where possible, using jottings to help assist thinking. As children progress through St David's, and are taught more formal written methods, they are still encouraged to think about what mental strategies they could use first and only use written methods for those calculations they cannot solve in their heads.

It is important to encourage children to look first at the problem and then get them to decide which is the best method to choose - pictures, mental calculations with or without jottings, structured written methods, appropriate equipment or even a calculator.

When faced with a calculation problem, encourage your child to ask:


## Year 2

## Pictorial representations



## Counting on using a number line



$$
7+4=11
$$

## Counting on using a number line



$$
\begin{aligned}
& T U+T U \\
& 20+12=32
\end{aligned}
$$



## Partitioning

## What does it mean to

 partition? How does that helpIt helps when I break the numbers up into tens and ones... then I can add in tens followed by ones


## Year 2

Pictorial representations


## Finding the difference

> Why do you need to find the difference or compare numbers to subtract?

> It helps me think about how many jumps the numbers are apart

8-5=
means the difference between 8 and 5 or the difference between 5 and 8 and how many jumps they are apart... to cross out or take away to see what I have left

## Counting back

Why use a number line?

TU-TU
54-12 = 42

## Count Back Up - CBU


$54-28=26$

 FINDING THE DIFFERENCE Count Back Up! CBU!


If the numbers are near each other, it's easier to count back up to it - CBU!
I can see clearly that I am jumping backwards, subtracting, taking away,

$2+4=6$



