

- White Rose Scheme
- Has Maths changed?


## Aims of the Session

- Place Value
- Addition and Subtraction
- Supporting Maths at home - apps/ real life


## White <br> Rose Maths


$\pm$

## |||N|||

$k$


## Calculation Policy




## Has Maths changed?



40 seconds -3 minutes

Place Value

## 50

## Place Value

oobo

$0 \cdot 0$

## Number Formation

| 0 | 2 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |



$$
\begin{aligned}
& \text { - }{ }^{7} \square_{10} \square_{11} \square_{13} \square_{15} \square_{1} \square_{18} \\
& { }^{\circ}{ }_{9} \square_{11} 12 \square_{14} \square_{16}, 17 \square_{19} \square
\end{aligned}
$$

Place Value


## Place Value



## Place Value



Place Value

## Your turn

## Use the concrete resources to represent the numbers below:

## $12 \quad 24 \quad 30$

## Compare the numbers. What do you notice?

| 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 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

## Addition and Subtraction





Complete the sentences.
a)



b)


There are 5 children on the bus.


3 more children get on the bus.
How many children are on the bus now?


There are $\square$ children on the bus now.

## Place Value/ Addition and Subtraction



$$
\begin{aligned}
& 5+3=8 \\
& 3+5=8 \\
& 8=5+3 \\
& 8=3+5 \\
& 8-5=3 \\
& 8-3=5 \\
& 3=8-5 \\
& 5=8-3
\end{aligned}
$$


a) $5+$ $\square$

b) $\square$

c) $14-\square=8$

d) $\square-6=7$



There are 6 animals.


How many different ways can you sort the animals?
Complete a part-whole model for each way.
Can you partition the animals into more than 2 groups?

## 4 is the whole.

How many different part-whole models can you draw to show this?
Use different numbers for the parts each time.

Can you think of a number sentence for each of the other two images?

Are any the same? Why?

Your turn


## Double/ Half



## Supporting Maths at Home



MATH IS EVERYWHERE!
Use what's around your busy family to support learning-Wherever you are!
Start with these questions:
WAITING IN LINE


## Knowledge Organisers



## Any questions?

Thank you for
coming. We hope you found it useful.

