

# Year 3 Maths

## Remote learning

### 11.1.21 - 15.1.21

This pack contains:

- 4 learning videos and models
- 5 lessons with tasks (to be completed in your homework book)

**You will then need to bring in your homework book when you return to school. The teacher will then be able to give you feedback on the work.**

MathsBot is a really useful website as you can access dienes and place value counters to help you with your maths learning. Here is the link:

<https://mathsbot.com/manipulativeMenu>

# Lesson 1

LO: To subtract multiples of 10 from a 3-digit number

<https://classroom.thenational.academy/lessons/subtracting-multiples-of-10-from-3-digit-numbers-61k34t?step=2&activity=video>

Watch this video and then complete these questions below.



$45-40$

$99-60$

$78-30$

$67-50$

$56-50$

$33-20$



$345-40$

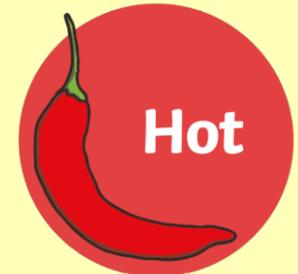
$199-60$

$578-30$

$400-20$

$462-70$

$239-50$



$785-90$

$302-60$

$129-70$

$403-30$

$923-50$

$1002-20$

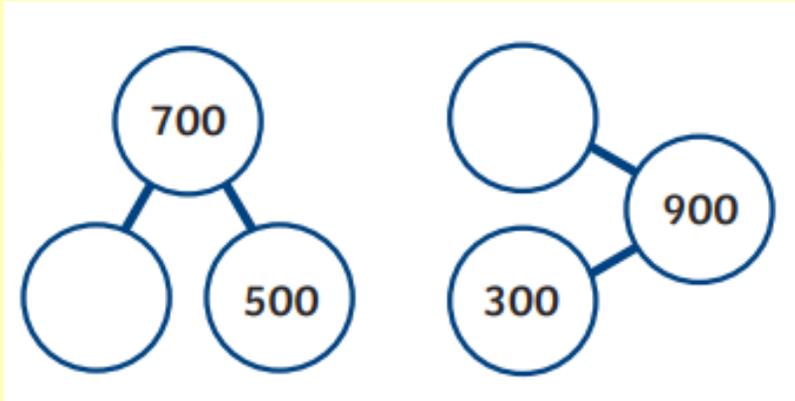
Top tip use the MathsBot resources so you can use dienes or place value counters!

# Lesson 2

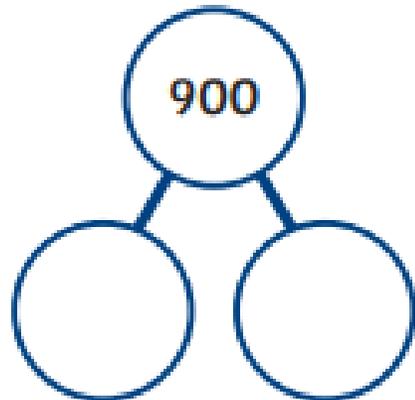
LO: To subtract multiples of 100

<https://www.youtube.com/watch?v=PmsJkhps7gE>

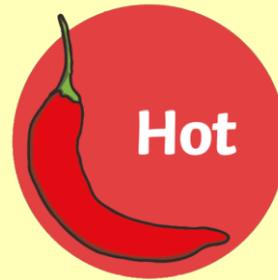
1. Fill in the blanks on the part-whole models



How many different ways can you find to complete this part-whole model using only multiples of 100?



Watch this video from 54 seconds in then answer these questions. Remember to use mathsbot to help you with resources!



Ffion and David are drawing bar models to show addition and subtraction calculations using multiples of 100.

David says, "Let's use 500 as one number in the bar model."

How many different ways can you find to complete the bar model using 500 as one of the numbers?


# Lesson 3

LO: To solve word problems involving adding multiples of 10 & 100.

If you would like any of this recapped, watch the videos from last week (on the school website). For these questions, you must use place value counters from MathsBot.



1. At the school fair, the cake stand raised £48 and the sweet stand raised £100. How much was raised altogether?

$$£48+100=$$

2. 68 children arrived at the zoo on Sunday morning. On Sunday afternoon, 30 more children came. How many children were now at the zoo?

$$68+30=$$

3. In a jar there are 54 lollipops. There are 40 Chewitts as well. How many sweets are in the jar altogether?

$$54+40=$$

4. Tiger class had 23 pens. They put 60 more colouring pens into the tub. How many colouring pencils are now in Tiger class?

$$23+60=$$

## Lesson 3

LO: To solve word problems involving adding multiples of 10 & 100.

If you would like any of this recapped, watch the videos from last week (on the school website) and remember to use MathsBot for resources. Have a go at these word problems:



1. At the school fair, the cake stand raised £148 and the sweet stand raised £100. How much was raised altogether?
2. 368 children went to the zoo on Saturday. On Sunday, 30 more children went to the zoo. How many children were at the zoo on Sunday?
3. In a jar of sweets there are 654 lollipops. There are 300 more Refreshers. How many Refreshers are there?
4. Tiger class had 430 colouring pencils. They add 70 more colouring pencils to the tub. How many colouring pencils are now in Tiger class?

## Lesson 3

LO: To solve word problems involving adding multiples of 10 & 100.

If you would like any of this recapped, watch the videos from last week (on the school website) and remember to use MathsBot for resources. Have a go at these word problems:



Complete the spicy challenges and then write 3 word problems of your own for adding multiples of 100 to a 3-digit number.

Draw part-whole models for each problem to represent it.

# Lesson 4

LO: To solve word problems involving subtracting multiples of 10 & 100.

If you would like any of this recapped, watch the videos from last week (on the school website). For these questions, you must use place value counters from MathsBot.

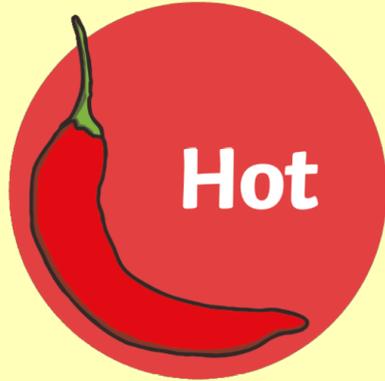


1. Jamie had £61 and he spent £50 on a new laptop. How much does Jamie have now?  
 $£61-50=$
2. Mama Panya had 46g of flour. She used 40g to make her pancakes. How much flour did she have left?  
 $46g-40g=$
3. In a jar of sweets there were 84 sweets. Sam and his family ate 20 of them. How many sweets were left in the jar?  
 $84-20=$
4. Tiger class had 52 colouring pencils. 40 of them broke. How many pencils did they have left?  
 $52-40=$

## Lesson 4

LO: To solve word problems involving subtracting multiples of 10 & 100.

If you would like any of this recapped, watch the videos from last week (on the school website) and remember to use MathsBot for resources. Have a go at these word problems:



1. Jamie had £761 and he spent £500 on a new computer. How much does Jamie have now?
2. Mama Panya had 463g of flour. She used 400g to make her pancakes. How much flour did she have left?
3. In a jar of sweets there were 845 sweets. Sam and his family ate 20 of them. How many sweets were left in the jar?
4. Tiger class had 930 colouring pencils. 40 of them broke. How many pencils did they have left?

## Lesson 5

LO: To use my addition and subtraction knowledge

Log onto Education City to see some activities linked to your learning from the past couple of weeks.

You could also play on Times Table Rock Stars!

