

# Year 3 – Maths Home Learning

## Autumn Term 1

This term, please practise with your child:

- Read and write numbers to 1000 in numerals.
- Read and write numbers to 1000 in words.
- Recognise the place value of each digit in a three digit number (hundreds, tens, ones).
- Compare and order numbers up to 1,000.
- Find 10 more or 10 less of a given number.
- Find 100 more or less of a given number
- Know 10 tens is equivalent to 1 hundred
- Know that 100 is 10 times the size of 10
- Read Roman Numerals (1 to 12)



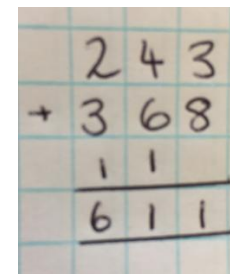
## Key Vocabulary

digit	any of the numerals from 0 to 9 when forming part of a number.
equivalent	equal value in number / amount
Roman numerals	a letters representing numbers in the Roman numerical system
hundreds	100, 200, 300 etc

Here's further information and ideas for how to practise

	Further explanation / Ideas of how to practise
Read and write numbers to 1000 in numerals.	Reading numbers around the home, in text (i.e. in a newspaper)
Read and write numbers to 1000 in words.	Asking children how to spell numbers, spell the date
Recognise the place value of each digit in a three digit number (hundreds, tens, ones).	152 = 100 + 50 + 2 298 has 9 tens etc
Compare and order numbers up to 1,000.	Using < > to show numbers that are greater than or less than, e.g. 345 < 672
Find 10 more or 10 less of a given number.	10 more than 57 is 67 10 more than 145 is 155 10 less than 32 is 22 10 less than 198 is 188
Find 100 more or less of a given number.	100 more than 234 is 334 100 less 467 is 367
Know 10 tens is equivalent to 1 hundred	"10 tens is equal to 1 hundred."
Know that 100 is 10 times the size of 10	"100 is 10 times the size of 10."
Read Roman Numerals (1 to 12)	I = 1 II = 2 III = 3 IV = 4 V = 5 VI = 6 VII = 7 VIII = 8 IX = 9 X = 10 XI = 11 XII = 12

## Formal Methods



## Times Tables

This term Year 3 will be learning 2x and 5x tables

$1 \times 2 = 2$	$1 \times 5 = 5$
$2 \times 2 = 4$	$2 \times 5 = 10$
$3 \times 2 = 6$	$3 \times 5 = 15$
$4 \times 2 = 8$	$4 \times 5 = 20$
$5 \times 2 = 10$	$5 \times 5 = 25$
$6 \times 2 = 12$	$6 \times 5 = 30$
$7 \times 2 = 14$	$7 \times 5 = 35$
$8 \times 2 = 16$	$8 \times 5 = 40$
$9 \times 2 = 18$	$9 \times 5 = 45$
$10 \times 2 = 20$	$10 \times 5 = 50$
$11 \times 2 = 22$	$11 \times 5 = 55$
$12 \times 2 = 24$	$12 \times 5 = 60$

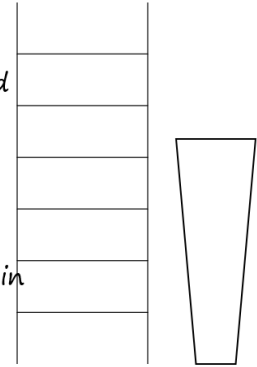
The school has subscribed to Times Tables Rock Stars (TTRS). TTRS is an online platforms to help your child practise times tables facts at home. TTRS be downloaded as app on your phone or tablet. Your child has a username and password. This is stuck in their reading record



## Maths Games to play at home!

### Ladder

- Each player draws a ladder with 7 gaps and a bin
- Roll the dice three times – this is your number (ie 341)
- Place the number in ladder from lowest to highest. If there is no space to put number in ladder, put the number in the bin.
- First to complete ladder wins



### Flip 'n' Roll

- Draw a numberline from 0 to 100. Each player choose a different colour pencil
- Roll the dice three times to make a 3-digit number (e.g. 143)
- Flip the coin. Head = 100 more / Tail = 100 less (e.g. 100 more than 143 is 243)
- Place the new number on the numberline (243)
- First to 3 in a row wins.



For more game ideas go to the school website for the 'Bare Necessities' game packs <https://stratford-sub-castle.wilts.sch.uk/maths-at-home/>