# Emersons Green Primary School
## Term 1 Homework - Blue Class

### READING

Every child has a reading book and should be reading several times a week at home. Reading records are staying in school for adults to record when they read with your child. As well as reading their school reading book children can also record reading a range of other texts e.g. reading a recipe when cooking; non-fiction books; First News Newspaper etc. Discussion points could include:

- *Summarise what you have read (in smaller sections to start with)*
- *Key words and phrases that the author has used for effect*
- *Explaining the meaning of unfamiliar words/use a dictionary to check*
- *Ask questions themselves about the text (E.g. Why is that character doing that?)*
- *Use evidence/examples from the text to support an opinion*
- *Use skimming and scanning techniques to find information quickly (in non-fiction books)*

### SPELLINGS

A termly spelling sheet has been sent home with the patterns and rules for each week. Additionally, words from the Year 3/4 Spelling Curriculum – "Hot List" have also been included. These can also be found on the separate sheet. We will focus on groups of words each term and these are highlighted in yellow. Do they know what each word means? Can they think of other words which follow the rule? Can they explain the rule?

### TOPIC

Our topic this term is 'Marvellous Me'. Details of the objectives we will be covering for this topic can be found on the topic web. Any research or learning your child would like to do around this topic will be celebrated in class, either by displaying it or sharing it altogether on the last day of term. Your child has a homework book so completed pieces of work can be stored in there. Here are some ideas:

- Finding out about artists who have painted self-portraits; drawing themselves in the style of a famous artist e.g. Picasso.
- Teeth and the digestive system – making a model or diagram
  https://www.pinterest.co.uk/constancewbrown/digestive-system-activities/
  Check out the BBC website - https://www.bbc.co.uk/bitesize/articles/zvk4f82;
  Keep a healthy eating diary
- Challenge and perseverance – set a challenge (e.g. walk 5,000 steps a day / read two books a week) and keep a record of how it was met and what it felt like to be successful
- Produce a family tree including themselves
- What hobbies does your child enjoy? Can they produce a 'How to...' leaflet to help someone else learn the same activity?

### TIMES TABLES

There is an expectation for children in Year 4 to know all multiplication and derived division facts for up to 12 x 12 by the end of Year 4. In 2021 children in Year 4 will take part in an online multiplication check. To ensure we reach the expectations for Year 4 we will be revisiting some previously learnt tables and introducing all other times tables by the end of Term 2. It is important the children can quickly recall times table facts. It would also be helpful for you to work with your child on all times tables at home. Here are some online activities for learning times tables, includingTimes Tables Rock Stars:

https://ttrockstars.com/
https://www.bbc.co.uk/sport/football/supermovers
https://www.topmarks.co.uk/maths-games/7-11-years/times-tables
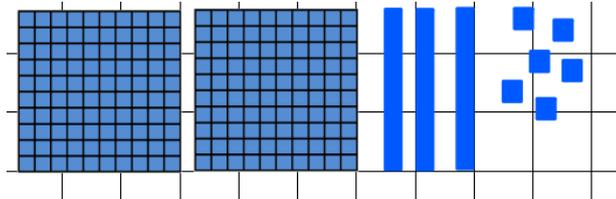http://www.primaryhomeworkhelp.co.uk/maths/timestable/interactive.htm

# MATHS

Here are the upcoming themes in Maths this term, with a couple of objectives that we will be covering for each. I have included examples if you would like to practise at home.

**Theme 1 (week beginning 7th September) NUMBER AND PLACE VALUE**



1. What number is represented by this base 10?
2. Draw base 10 to show these numbers; 471, 103, 999
3. Partition these numbers in 100s, 10s and 1s e.g.
   358 = 300 = 50 + 8
   692, 272, 908, 450, 27
4. Can you explain to someone the rules for rounding to the nearest 10 and 100?
5. Round these numbers to the nearest 10 <u>and</u> 100 e.g. 572 rounds to 570 (nearest 10) and 600 (nearest 100)
   125    356    632    405    267   821   86

6. 5b. Who is correct? Prove it.

   Dustin says:

   995 to the nearest ten is 990

   995 to the nearest ten is 1,000

   Ramaya says:

7. Estimate where these numbers go on the number line.

   300        750        30        995

   0                                    1,000

TIMES TABLES

**Theme 2 (week beginning 14th September) NUMBER AND PLACE VALUE**
1.

   If I count in thousands from zero, I will always say an even number.
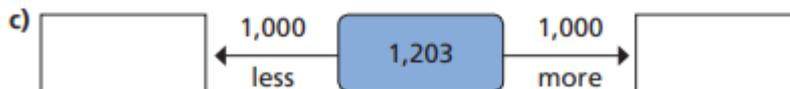
   Is Rosie correct?
   How do you know?

2. Write the value of the underlined digit e.g. 4582 = 500
   6201,    3860,    1942,    7747,    5323,    8006
3. Work with a partner; one person thinks of a four-digit number and the other person has to guess what it is by asking questions. E.g. is the hundreds digit bigger than five?
4. Work with a partner; roll a dice four times and make a four-digit number. Who can make the largest/smallest number?

**Theme 3 (week beginning 21st September) NUMBER AND PLACE VALUE**
1. Add 1 to these numbers – 423,    687,    201,    739
   Use the same numbers and find 1 less
2. Add 10 to these numbers – 734,    961,    896,    104
   Use the same numbers and find 10 less
3. Add 100 to these numbers – 845,    412,    955,    124
   Use the same numbers and find 100 less
4.

Find 1,000 more or less than each of these numbers.

a) [ ___ ]  ← 1,000 less  7,000  1,000 more →  [ ___ ]

b) [ ___ ]  ← 1,000 less  3,918  1,000 more →  [ ___ ]

c) [ ___ ]  ← 1,000 less  1,203  1,000 more →  [ ___ ]

5. Which number is bigger? Explain how you know?
   1356 and 1536          5982 and 5928

**Theme 4 (week beginning 28th September) NUMBER AND PLACE VALUE**
1. 1 Roll a dice to make four different 4-digit numbers. Now write them in order from smallest to largest. Repeat with different numbers but order from largest to smallest
2. Round these numbers to the nearest 1000 e.g. 7436 rounds to 7000
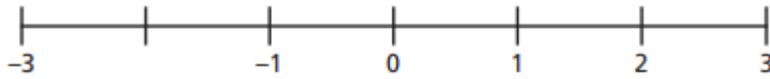   3621    845    8267    4444
3.

Complete the number tracks.

| 200 | 225 | 250 | | | | | |
|-----|-----|-----|--|--|--|--|--|

| 750 | 725 | 700 | | | | | |
|-----|-----|-----|--|--|--|--|--|

**4.** Complete the number lines.

**a)**

-3    -1    0    1    2    3

**b)**

-4    -3    -2    2

**5.**

**c)**

-5    2    3    4    5
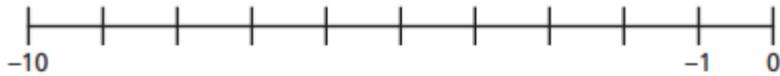
**d)**

-10    -1    0
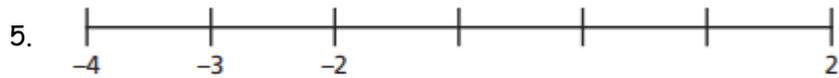
**Theme 5 (week beginning 5<sup>th</sup> October) NUMBER AND PLACE VALUE**
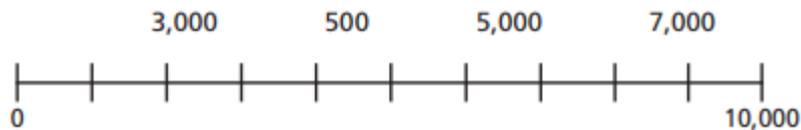
**1.**

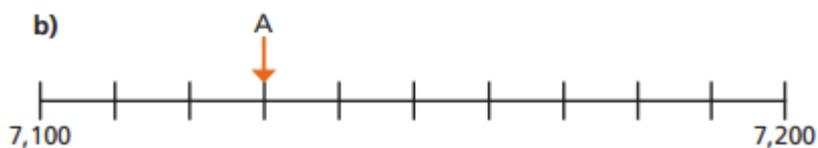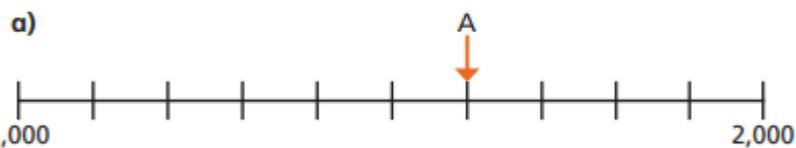Whitney is counting backwards in 10s from 37

37, 27, 17, 7, -7, -17

Is Whitney correct?

Write the numbers she should say, to check your answer.

**2.** Label the number line with these numbers.

3,000    500    5,000    7,000

0    10,000

What is the value of A on each number line?

**a)**

A

1,000    2,000

**b)**

A

7,100    7,200

3.
Write the Roman numeral in numerals and words.

**a)** XXIV    **b)** LXXI    **c)** LXVIII    **d)** XCVI    **e)** XXVIII    **f)** XCI

https://www.abcya.com/games/roman_numerals

https://www.turtlediary.com/games/roman-numerals.html

TIMES TABLES

**Theme 6 (week beginning 12$^{th}$ October) ADDITION**
1.  Think of a four-digit number.
    Add 2 hundreds; subtract 4 ones; add 1 thousand; add 6 tens. What number do you have now? Now work with a partner and ask them to think of their own 4-digit numbers. Ask them to add or subtract the thousands, hundreds, tens and ones that you say.
2.  Write down four different 4-digit numbers. Use the written method that we have looked at this week to add two numbers together. Complete as many different combinations as you can. Remember you may need to exchange numbers.
    For example
    4925 +
    1458

TIMES TABLES

**Theme 7 (week beginning 19th October) – SUBTRACTION**
Write down four different 4-digit numbers. Use the written method that we have looked at this week to subtract two numbers. Remember to subtract a smaller number from a larger number. Complete as many different combinations as you can.
For example
3734 -
1 528
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TIMES TABLES