Emersons Green Primary School
Term 2 Homework - Blue Class

READING
Every child has a reading book and should be reading five 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
Blue Class's topic this term is 'Our Local Area'. You could:
Talk to a family member who used to live/still lives in the area
Visit a place nearby and see if you can find out a little bit of its history. E.g. St James's Church
Draw a map of where your house is in relation to the school or other places nearby E.g. the park
Take photos / draw pictures of significant features in the Mangotsfield/Emersons Green area
Research what Emersons Green/ Mangotsfield used to look like
Can you find out what was here before the school was built?

We are also finding out about electricity – these websites include some fun activities
https://frugalfun4boys.com/awesome-electricity-projects-for-kids/
https://www.homeschool.com/blog/2017/08/8-fun-ways-to-teach-your-kids-about-electricity/
https://www.weareteachers.com/electricity-experiments/

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. We have included examples if you would like to practise at home.

Maths topics from Week 1 ADDITION AND SUBTRACTION
- Estimating answers
-

A game to play for two people.

The aim of the game is to get a number as close to 5,000 as possible.
Each child rolls a 1-6 die and chooses where to put the number on their grid.
Once they have each filled their grid, they add up their totals to see who is the closest.

	?	?	?	?
+	?	?	?	?

- Checking strategies
  Use a subtraction to check this addition 3450 + 2530 = 5980
  Use an addition to check this subtraction 8340 – 2130 = 6210

  Complete the calculation, then check using an inverse calculation
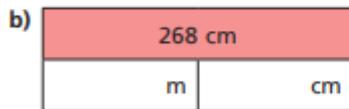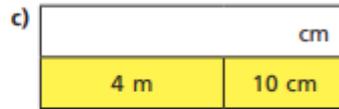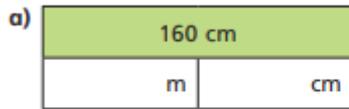 5728 + 2858 =
  7246 – 3738 =

- TIMES TABLES

Maths topics from Week 2 LENGTH AND PERIMETER
- Convert between km and meters
  e.g. 4km = _____m

  _____m = 6km

  500m = _____km

Can you write 5 examples of your own as well?

Complete the bar models.

a)

160 cm	
m	cm

b)

268 cm	
m	cm

c)

cm	
4 m	10 cm

d)

cm	
2 m	5 cm

Complete the table.

Pupil	How far they live from school (km)	How far they live from school (m)
Dani	2 km	
Scott		7,000 m
Kim	$\frac{1}{2}$ km	
Nijah		2,500 m
Teddy	$1\frac{3}{4}$ km	

Dora builds a tower that measures 1 m and 5 cm.

Annie builds a tower that measures 80 cm.

Dexter builds a tower that measures 95 cm.

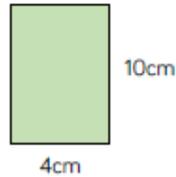They put their towers together to make one high tower.

How tall is their new tower?

TIMES TABLES

Maths topics from Week 3 MULTIPLICATION / DIVISION
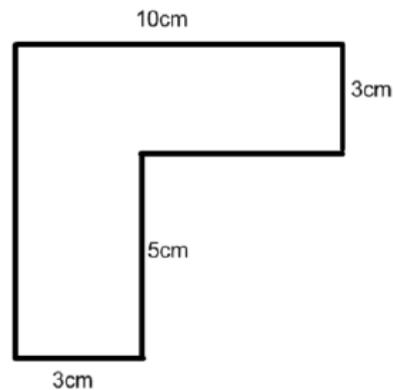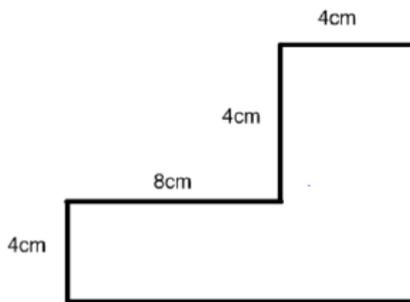
1 Work out the perimeter of the rectangles.

2cm
5cm

10cm
4cm

2 Work out the perimeter of the square.

8cm

3 The perimeter of the rectangle is 36m. What is the length of the longest side?

6cm

Find the perimeter of the shapes.

4cm
4cm
8cm
4cm

10cm
3cm
5cm
3cm

Maths topics from Week 4 MULTIPLICATION / DIVISION

Multiplying by 10 and 100

6 x 10 =   9 x 100 =   52 x 10   =   37 x 100 =   234 x 10 =   91 x 100

6. Mr Parker orders 10 boxes of reading records. There are 37 in each box.

The school has 375 children altogether.

Katya has multiplied a whole number by 10
Her answer is between 440 and 540

What could her original calculation be?

How many possibilities can you find?

Explain Mr Parker's mistake.

Dividing by 10 and 100

350 ÷ 10 =   4600 ÷ 100 =   30 ÷ 10 =   2400 ÷ 10 =   6700 ÷ 100 =   980 ÷ 10 =

3. True or false?

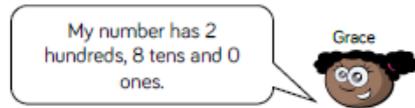Both 900 ÷ 100 and 390 ÷ 10 give an answer that has 9 ones.

Is Amelia correct? Prove it.

Jessie and Grace are dividing numbers by 10 and 100.
They start with the same 4 digit number.
Both of them give some clues about their answer.

Jessie
My number has 8 ones and 2 tens.

My number has 2 hundreds, 8 tens and 0 ones.
Grace

What number did they start with?
Who divided by what?
Prove it.

TIMES TABLES

Maths topics from Week 5 MULTIPLICATION / DIVISION

Multiply by 1 and 0
Divide by 1 and itself

Which of these are correct?
0 x 9 = 90   1 x 12 = 11   7 x 0 = 0   3 x 0 = 3   1 x 7 = 8   1 x 11 = 11

Divide by 1 – draw a diagram to illustrate these calculations

Use <, > or = to complete the following:

8 ÷ 1 ◯ 7 ÷ 1

6 ÷ 6 ◯ 5 ÷ 5

4 ÷ 4 ◯ 4 ÷ 1

-     TIMES TABLES

Maths topics from Week 6 MULTIPLICATION / DIVISION

Recap x 3 times tables

Multiply and divide by 6

Write out the <u>fact families</u> for all the times table facts 1 x 6 to 12 x 6. For example
1 x 6 = 6

6 x 1 = 6
6 ÷ 1 = 6
6 ÷ 6 = 1

Always, sometimes, never.

When you multiply any whole number, by 6, it will always be an even number.

Explain your answer.

Maths topics from Week 7 MULTIPLICATION / DIVISION
Multiply and divide by 9

Write out the <u>fact families</u> for all the times table facts 1 x 9 to 12 x 9.

Always, sometimes, never?

All multiples of 9 have digits that have a sum of 9 Prove it!

Multiply and divide by 7

Write out the <u>fact families</u> for all the times table facts 1 x 7 to 12 x 7.

Mrs White's class is selling tickets at £2 each for the school play.
The class can sell one ticket for each chair in the hall. There are 7 rows of chairs in the hall. Each row contains 9 chairs.
How much money will they make?