

## Year 3 Home Learning Pack

### 30.3.20 WEEK 2

We hope you enjoyed completing your home learning package last week! 😊

This week, we would like you to complete the following:

**Maths** - 30 minutes using TT Rockstars and complete one maths sheet per day.

**Reading** - 40 minutes per day (including reading to someone and being read to).  
If you have time, you could write a book review for a book you have enjoyed!

**Spelling** - 20 minutes per day. We recommend you choose 10 - 15 words at the start of the week and practise these each day. This could involve -

- writing sentences with your words.
- making word cards.
- writing definitions.
- writing your word in different colours/fonts/styles.
- creating a mnemonic, e.g. **B**ig **E**lephants **C**an't **A**lways **U**se **S**mall **E**xits (because).

(Please choose from the certificate words, high frequency words or statutory spelling words - these can be found as separate documents on the year 3 extended learning tab).

**Writing** - completion of the weekly writing challenge (including self-editing).

**Topic/science** - completion of the weekly topic/science challenge.

**Extended Learning Competition (continued)** - design a poster to describe and explain our school vision (3 weeks).

*Optional - we have included a document called '50 science things to do before you are 11 and three quarters'. If you have time, please feel free to have a go at some of these fun science experiments!*

*We look forward to hearing all about what you have been up to. Keep up the good work! 😊*

Miss Stewart, Mrs Simpson and Mrs West

## MATHS DAY 1

$10 + 10 =$	$12 + 8 =$	$16 + 4 =$
$5 + 15 =$	$9 + 10 =$	$3 + 17 =$
$0 + 20 =$	$7 + 13 =$	$12 + 7 =$
$9 + 10 =$	$19 + 1 =$	$4 + 15 =$
$4 + 16 =$	$6 + 13 =$	$11 + 9 =$
$18 + 2 =$	$2 + 18 =$	$2 + 17 =$
$1 + 18 =$	$13 + 6 =$	$10 + 9 =$
$14 + 6 =$	$20 + 0 =$	$8 + 12 =$
$11 + 8 =$	$15 + 4 =$	$17 + 3 =$
$7 + 12 =$	$13 + 7 =$	$5 + 14 =$
$6 + 14 =$	$14 + 5 =$	$16 + 3 =$
$8 + 11 =$	$18 + 2 =$	$1 + 19 =$
$3 + 16 =$	$9 + 11 =$	
$10 + 10 =$	$15 + 5 =$	

Can you complete this number challenge in **90 seconds** or less?

$$\begin{array}{r} \phantom{+} \phantom{00} 2 \phantom{0} 5 \\ + \phantom{00} 3 \phantom{0} 8 \\ \hline \phantom{00} 6 \phantom{0} 3 \\ \hline \phantom{00} 1 \end{array}$$

Use column addition to answer the following questions...

1.  $25 + 32 =$

2.  $46 + 31 =$

3.  $56 + 35 =$

4.  $19 + 27 =$

5.  $64 + 49 =$

6.  $105 + 136 =$

7.  $127 + 191 =$

8.  $250 + 162 =$

9.  $199 + 124 =$

10.  $245 + 163 =$

11.  $1231 + 2338 =$

12.  $2357 + 1234 =$

13.  $2009 + 1002 =$

14.  $6058 + 399 =$

15.  $4550 + 839 =$

## MATHS DAY 2

$4 + 6 =$	$2 + 18 =$	$50 + 50 =$
$1 + 9 =$	$70 + 30 =$	$80 + 20 =$
$30 + 70 =$	$14 + 6 =$	$2 + 8 =$
$5 + 15 =$	$5 + 5 =$	$17 + 3 =$
$80 + 20 =$	$17 + 3 =$	$40 + 60 =$
$2 + 8 =$	$11 + 9 =$	$100 + 0 =$
$13 + 7 =$	$90 + 10 =$	$3 + 7 =$
$10 + 90 =$	$6 + 4 =$	$1 + 9 =$
$16 + 4 =$	$70 + 30 =$	$70 + 30 =$
$7 + 13 =$	$1 + 9 =$	$18 + 2 =$
$10 + 10 =$	$14 + 6 =$	$5 + 15 =$
$1 + 9 =$	$0 + 20 =$	$10 + 0 =$
$8 + 2 =$	$2 + 18 =$	
$50 + 50 =$	$7 + 3 =$	

Can you complete this number challenge in **90 seconds or less?**

Use column addition to answer the following questions...

1.  $49 + 23 =$

2.  $65 + 26 =$

3.  $55 + 55 =$

4.  $48 + 24 =$

5.  $63 + 72 =$

6.  $105 + 136 =$

7.  $142 + 139 =$

8.  $455 + 207 =$

9.  $234 + 295 =$

10.  $1004 + 1009 =$

11.  $2316 + 1195 =$

12.  $3622 + 2468 =$

13.  $1932 + 391 =$

14.  $2013 + 908 =$

15.  $2444 + 666 =$

### MATHS DAY 3

Miss Stewart was very tired last night and, as a result, made lots of mistakes when she was doing her maths homework. Look at her work and write a sentence to explain what she has done wrong. Then, solve the problem correctly!

1.  $25 + 39 = 74$

$$\begin{array}{r} 25 \\ + 39 \\ \hline 74 \\ \hline 2 \end{array}$$

2.  $34 + 65 = 100$

$$\begin{array}{r} 34 \\ + 65 \\ \hline 100 \\ \hline 1 \end{array}$$

3.  $143 + 192 = 245$

$$\begin{array}{r} 143 \\ + 192 \\ \hline 245 \\ \hline 1 \quad 1 \end{array}$$

4.  $345 + 218 = 663$

$$\begin{array}{r} 345 \\ + 218 \\ \hline 663 \\ \hline 1 \end{array}$$

5.  $127 + 135 = 252$

$$\begin{array}{r} 127 \\ + 135 \\ \hline 252 \end{array}$$

6.  $291 + 146 = 537$

$$\begin{array}{r} 291 \\ + 146 \\ \hline 537 \\ \hline 1 \end{array}$$

7.  $256 + 265 = 512$

$$\begin{array}{r} 256 \\ + 265 \\ \hline 512 \\ \hline 1 \quad 1 \end{array}$$

8.  $499 + 283 = 682$

$$\begin{array}{r} 499 \\ + 283 \\ \hline 682 \\ \hline 1 \end{array}$$

## MATHS DAY 4

Choose two things you would like to buy from the shop. Use column addition to work out how much it would cost.

**Challenge** - can you work out the cost for three things you would like to buy?

 £3.50	£4.80 	£1.23 	£1.62 
£9.85 	£6.55 	£0.69 	 £3.25
£7.75 	£2.05 	£6.19 	£0.50 
£9.32 	£5.79 	£3.24 	£1.29 

## MATHS DAY 5

Complete the 1-100 square using Roman numerals.

I = 1

V = 5

X = 10

L = 50

C = 100

<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>	<b>V</b>	<b>VI</b>	<b>VII</b>	<b>VIII</b>	<b>IX</b>	<b>X</b>
<b>XI</b>	12	13	14	15	16	17	18	19	<b>XX</b>
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	<b>XL</b>
<b>XLI</b>	42	43	44	45	46	47	48	49	<b>L</b>
51	52	53	54	55	56	57	58	<b>LIX</b>	60
61	62	63	64	65	66	67	68	69	70
<b>LXXI</b>	<b>LXXII</b>	73	74	<b>LXXV</b>	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	<b>XCIX</b>	100

Then, make your own Roman numerals poster including the numbers 1 - 12.

## SCIENCE TASK

### Magnetic materials and magnet hunt

In the autumn, you learned that magnets and magnetic materials contain the metal iron.



Have a look around your home to find out where magnets are being used. Make a list of magnets that you have found. How are magnets helpful in these places? Do you know why magnets may have been used in these places?

If you have any magnets such as fridge magnets or magnetic toys, have a search around your house for magnetic materials. Are all shiny objects and metals magnetic? Why not?

### SAFETY NOTE

DO NOT put magnets anywhere near electronic devices such as televisions, computers, iPads, headphones, electronic games, telephones etc as many contain magnetic parts or magnets, which will move & break the device if a magnet is placed near it.

Keep magnets away from a younger brother or sister under the age of 5 or pets.



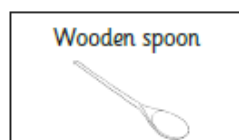
## Magnetic Materials Game

### Instructions

The aim of the game is to be the player with the most points when a player first reaches the 'Finish' space.

You will need one counter per player and a 1-6 dice.

- All players place their counters on the 'Start' space.
- Roll a dice and move along the board the number of spaces shown on the dice.
- If you land on a space with a picture of a material or object that is attracted to a magnet, you get one point.
- If you land on a space with a picture of a material or object that is not attracted to magnets, you lose 1 point.
- Keep track of your points so you can see who has got the most points at the end of the game.



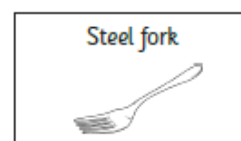
Wooden spoon



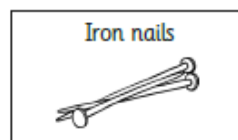
Plastic cup



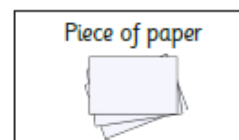
Steel food tin



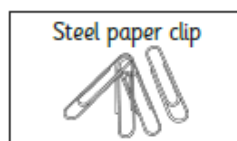
Steel fork



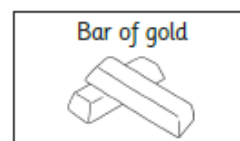
Iron nails



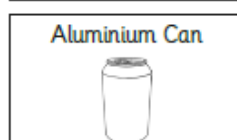
Piece of paper



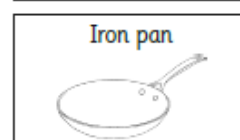
Steel paper clip



Bar of gold



Aluminium Can



Iron pan

Start

Finish



## Writing Task

As we have just finished reading Cliffhanger, your task is to write an adventure story! You can use the 5Ps planning frame to help you - print a copy if you can or draw your own 😊

### **First you will need to plan it:**

Where will it be set?

Who will be in the story?

What is the problem?

How does it get sorted?

How does your story end?



### **Choose a setting from:**

Space

Underwater

Zoo

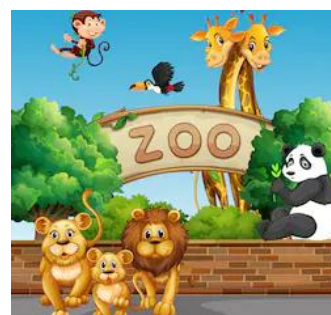
Space

Another Planet

Stone Age

A spooky forest

Theme Park



### **S2S**

- Introduction.
- Paragraphs.
- Correct punctuation.
- Fronted Adverbials.
- Exciting verbs and adjectives.
- An ending to the story.
- Neat handwriting.
- Complex sentences.
- First person - I
- Correct spellings.



### **Useful Conjunctions:**

so that

until

which

but

because

when

even though

### **Useful Adverbials of time:**

Early the next morning,

As soon as I could,

In the distance,

Quickly, Slowly,

Before long,

Later on,

A few hours later,



Introduction


Event 1

Event 2

Event 3

Ending(Peace)

Our Story Mountain



People	Period	Place (Setting)	Links	Language