Year 6 Home Learning

Term 2

Weekly challenges:

Reading Challenge	Times Tables	Spelling	Maths
Make sure you read at least four times a week at home to be entered into the reading pond! We're practising the reading rope skill, 'Understand and Explain'. We are also looking at how we can use Point Evidence Explain, when answering questions about a text. Using a book of your choice, practise explaining the text and the reasons the author chose certain phrases. What is your evidence for this? What words lead you to think this?	Practise your target times table Ideas: count up and down in your target times table; practise writing it forwards and backwards; ask a friend or family member to test you; practise division facts. Remember, get on TT Rock Stars every day! Can you earn 50 points in studio a day?	disastrous, soldier, occupy, symbol, foreign, language, necessary, hindrance, equipped, sufficient, controversy, appreciate, programme, privilege, achieve Try some of the following strategies: **Look, cover, say, write, check** **Word pyramids** **Draw pictures to remind you of tricky spellings** **Mnemonics**	Each Monday, I'll set you a Purple Mash maths activity to complete. It will be linked to what we are learning that week, so show off what you know!

Challenges for Term 2 – complete 6 of these activities to earn a home learning certificate.

English	English	Maths	Maths
This term we're learning about the use of modal verbs in writing and understanding the effect of certainty and possibility on sentence meaning. A modal verb is a verb which expresses possibility or necessity (e.g. should/could/must/can). *For example: Joey could be the perfect horse for me.* Write ten complex sentences about animals in war containing modal verbs and commas for clauses.	Use this picture to inspire you to write. WW1 picture (a soldier and his war horse). The genre of your writing is entirely up to you. It must include: the correct basic punctuation; description & extended, multi-clause sentences. Challenge – include various parenthesis.	**Four operations** Use the digit cards below to practise your addition, subtraction, multiplication or division skills. Choose challenge 1,2 or 3 from the next page. | 1	3	5	7	9
2	4	6	8	0
4	3	0	9	1		Write your name on squared paper. Use a protractor to measure the angles within you name. (Photo on next page as example) **Challenge:** Create a table showing the number of acute, obtuse and reflex angles in your name

Topic	Topic	Science	Mindfulness / Well-Being
This term, our topic is Remembrance. Make your own 3D remembrance / keepsake box. Draw your own net and then make the model – make sure that you decorate the shape on the correct faces with appropriate drawings to represent this special container. What type of things might you place in it – a diary, shells, photographs, items of clothing? **OR** Make a diorama (a model representing a scene with three-dimensional figures in miniature) of a WW1 trench. 	**Remembrance around the world** Conduct your own research into what Remembrance looks like around the world. Write a report about your findings. Here are some ideas to get you started: *Is there a day for Remembrance?* *What key dates do they remember?* *Who is remembered?* *Is the poppy a symbol of Remembrance in all countries?*	**Electricity** We're learning about electrical circuits in science. We will look at different components and how this is drawn using symbols. Have a look at an electrical device within your home. Can you draw the circuit using symbols? **Only use items your parents have agreed.**	Here are some ideas to help you with your mindfulness: Create a piece of mindfulness colouring, take time to draw, then colour it in. Spend some time practicing deep breathing. Start by each breath in taking 2 seconds, followed by 2 seconds out. Increase this by a second when it feels comfortable. Picture your favourite memory. Who were you with? Where were you? How did it make you feel?

Maths		
Challenge 1	**Challenge 2**	**Challenge 3**

Challenge 1

a) Decide which method you would use to work out the calculations and write the letters in the table.

A 37 483 – 1999	B 67 483 + 839 273
D 30 500 + 4500	C 857 463 – 392 899

E one million subtract two hundred and fifty thousand

Mental Method	Column Method

b) Calculate the answer to each calculation. You may wish to use centimetre-squared paper.

3) Work out the missing digits.

	4	5		8	5	7
+		5	2	6		8
	8	0	3		0	5

Challenge 2

a)) A shop has £234 654 worth of stock. They sell £78 962 worth of stock in the first week and sell £129 875 worth of stock in the second week.
What is the value of the stock they have left?
You may wish to use centimetre-squared paper.

1) Felix and Priya are working out 687 543 + 999. Whose method do you think is most efficient? Explain why.

> I think that the best way to solve this calculation is to use column addition.

Felix

> I would use a mental method to answer this question. I would add 1000 and then take away 1.

Priya

Challenge 3

1) Use the clues to find the possible values of A and B. Find three possible answers.

1 250 700	
A	B

A is an even number.
It has a digit sum that is less than 20.
It is between 700 000 and 1 100 000.

B has a digit sum of 14.
It is a multiple of 10.

Jia

2)

a) Using the digits 1-9, make the given target number using addition. You may only use each digit twice.

| | | | | + | | | | = | 1946 |

b) Using the digits 1-9, make the given target number using subtraction. You may only use each digit twice.

| | | | | + | | | | = | 6786 |