



# Sycamore

## Homework Portfolio

### Spring 1

Name \_\_\_\_\_

Homework is to be handed in the week beginning **5<sup>th</sup> February 2024.**

Final hand in date is **Wednesday 7<sup>th</sup> February 2024.**

**English:**

**SPaG:**

Complete the SPaG homework questions attached. If you are unsure of any of the concepts then use the helpful homework websites to help you.

**Spellings:** Spellings for the term have been given out already, please see Miss Allen if you need a spare.

Spelling tests will take place every Friday – please remember to practise them during the week!

**Mathematics:**

**Multiplication and division**

**Focus**

Complete the worksheets attached. If you are unsure of how to calculate look at the videos on the useful links to help you. There are some reasoning and problem-solving questions for an additional challenge.

We have covered these methods in lessons last half term so they should be familiar to you. We will be looking at these methods this half term also.

**Multiplication:**

Continue to use TTR to practise your multiplication facts.

Week beginning 22.01.24 I have set up a Boys vs. Girls Battle for the week.

Who will win?



**Science: Earth and Space.**

This half term we will be learning all about Space and the Solar System.

**You could:**

- Make your own solar system model.
- Make an information poster.
- Write and illustrate a booklet.
- A PowerPoint presentation



Be as creative as you can – I am looking forward to seeing what you produce.

**History: Mayans:**

This half term we will be learning about the Ancient Mayans. For your homework I would like you to research the following questions:

- Why was farming so important to the Mayas?
- What food did the Maya eat?
- What did the Ancient Mayas believe in?
- What did the Ancient Mayas invent?



Record your answers in your own words on the sheet included. Alternatively you can present your research as a poster or PowerPoint presentation It is up to you.

Dear Parents,

I would like to thank you for supporting your child's learning. If you require any extra paper to complete these tasks, please let me know. The list below provides useful websites that may support your children to complete their homework.

I look forward to seeing the amazing things that I know Year 5 will produce!

Miss Allen



### **Useful Websites:**

#### English:

Modal verbs: <https://classroom.thenational.academy/lessons/to-explore-modal-verbs-c9k34d?activity=video&step=1> From 09:22

Relative clauses: <https://classroom.thenational.academy/lessons/to-explore-relative-clauses-65k30c?activity=video&step=1>

Parenthesis: [https://classroom.thenational.academy/lessons/grammar-for-writing-using-brackets-and-dashes-6mwkec?activity=intro\\_quiz&step=1](https://classroom.thenational.academy/lessons/grammar-for-writing-using-brackets-and-dashes-6mwkec?activity=intro_quiz&step=1)

Relative pronouns: <https://classroom.thenational.academy/lessons/to-explore-relative-pronouns-74v62c>

Prefixes: <https://classroom.thenational.academy/lessons/to-investigate-prefixes-6hgpae?activity=video&step=1>

#### Mathematics:

White Rose - <https://vimeo.com/771238517> Multiply 4 digits by 1 digit

White Rose - <https://vimeo.com/771239764> Multiply 2 digits by 2 digits

White Rose - <https://vimeo.com/771240161> Multiply 3 digits by 2 digits

White Rose - <https://vimeo.com/771242200> Divide 4 digits by 1 digit.

#### Science:

<https://www.bbc.co.uk/bitesize/topics/zjmqkmn/articles/ztsqj6f>

<https://www.bbc.co.uk/bitesize/topics/zjmqkmn/articles/zqn7y4j>

<https://kids.britannica.com/kids/article/solar-system/353789>

<https://www.youtube.com/watch?v=mQrlgH97v94> The Planet Song

<https://nineplanets.org/kids/mercury/>

<https://spaceplace.nasa.gov/all-about-mercury/en/>

<https://spaceplace.nasa.gov/menu/solar-system/>

<http://homeworkhelpforkids.co.uk/science/solarsystem/>

#### History:

Mayans:

<https://www.bbc.co.uk/bitesize/topics/zq6svcw/articles/zqv6msg>

<https://www.bbc.co.uk/bitesize/topics/zq6svcw/articles/zkm496f>

<https://www.bbc.co.uk/bitesize/topics/zq6svcw/articles/zd844qt>

<https://www.bbc.co.uk/bitesize/topics/zq6svcw/articles/z8pwjsg>

<https://kids.britannica.com/kids/article/Maya/353445>

<https://www.dkfindout.com/uk/history/mayans/>

Do you find it tricky to hand all of your homework in on time? Worried you've missed sections out? You *may* choose to follow this weekly schedule to help you get all of your work done!

<b>Spring Term 1</b>		
<b>Week Beginning</b>	<b>What homework should I complete?</b>	<b>Completed?</b>
08.01.24	<p><b>Maths:</b> Begin completing the multiplication questions. Remember to show your working out. Have you remembered the place holder zero?</p> <p><b>Science:</b> Start thinking about what your project will be. Will you make a model? Will you create a poster? Use the helpful websites to find out more information about the planets.</p> <p><b>History:</b> Using the helpful websites list, find out the answers to questions 1 and 2.</p>	
15.01.24	<p><b>English:</b> Complete questions 1 – 3.</p> <p><b>Maths:</b> Complete the division worksheet. Use your multiplication facts to help you.</p> <p><b>Science:</b> If you are making a model – begin to collect your resources. Are there any materials in your home you can recycle? Allow yourself enough time. Would it help to start painting this week?</p>	
22.01.24	<p><b>English:</b> Complete questions 4 – 7. Use the links on the useful websites list to help you if you are unsure.</p> <p><b>Maths:</b> This week there is a TTR battle – Boys vs. Girls. Spend some time playing TTR and practising your multiplication facts. Who will win?</p> <p><b>Science:</b> Are you creating a PowerPoint presentation? Use the useful links to find out information about the planets to include on your slides. Or are you making a model – do you need to start building now that your items have been painted?</p>	
29.01.23	<p><b>History:</b> Find out the answers to the final two research questions. Write up your answers in your own sentences.</p> <p><b>Science:</b> Use time this week to complete your project. Allow time for your model to dry or to check through your poster or presentation.</p>	
05.02.24	<p><b>Finishing off:</b> homework is to be handed in by Wednesday 7th February at the latest, please feel free to bring in on Monday or Tuesday if you have finished and are happy with it! I can't wait all the wonderful work I know you will have produced! We will be having our homework presentations towards the end of the week so that you all get the chance to show off your hard work!</p>	

## Year 5 English Grammar and Punctuation 1

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1. Which sentence uses parenthesis accurately? **Tick one.**

Our teacher who (we like very much) is called Miss Fox.

Our teacher (who we like very much) is called Miss Fox.

.....

2. What is underlined in the sentence below? **Tick inside one box.**

'I can come to your party after all!' shouted Jake.

modal verb

time adverbial

noun phrase

.....

3. **Underline** the **adverbial of place** in the sentence below.

We walked quietly down the corridor to the head's office.

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4. **Add a comma** to the sentence below to make it clear that the Scouts are not eating the rabbit.

As the Scouts sat around the fire eating the rabbit hid in the bushes.

.....

5. **Rewrite** the sentences below as **one sentence** which includes a **relative clause**. Remember to use the correct punctuation.

The lady has grey hair and glasses. She lives next door to me.

6. The sentence below has a missing word. **Complete** the sentence by using the correct **relative pronoun**.

This is the book  I told you about.

.....

7. **Draw lines** to match the prefixes to the correct root words.



Mathematics – Long multiplication

# Long Multiplication Practice

## - 3 Digits x 2 Digits

1.				
		1	6	1
x			2	3
<hr/>				
<hr/>				

2.				
		2	3	2
x			2	6
<hr/>				
<hr/>				

3.				
		6	1	4
x			1	8
<hr/>				
<hr/>				

4.				
		9	6	9
x			9	5
<hr/>				
<hr/>				

5.				
		7	4	0
x			9	6
<hr/>				
<hr/>				

6.				
		3	6	2
x			5	8
<hr/>				
<hr/>				

7.				
		3	0	5
x			7	1
<hr/>				
<hr/>				

8.				
		3	7	0
x			6	4
<hr/>				
<hr/>				

9.				
		5	8	4
x			1	5
<hr/>				
<hr/>				

10.				
		8	5	1
x			8	9
<hr/>				
<hr/>				

11.				
		7	4	9
x			9	8
<hr/>				
<hr/>				

12.				
		4	8	2
x			2	3
<hr/>				
<hr/>				

13.				
		6	4	6
x			1	0
<hr/>				
<hr/>				

14.				
		7	0	9
x			1	7
<hr/>				
<hr/>				

15.				
		9	1	4
x			5	7
<hr/>				
<hr/>				

16.				
		7	1	8
x			4	5
<hr/>				
<hr/>				



Short division – with remainders

# Short Division Practice Worksheet

1.

2	4	1					

2.

8	2	5	7				

3.

9	3	9	9				

4.

5	2	1	4				

5.

7	5	4	5				

6.

9	8	6	7				

7.

5	4	3	3				

8.

5	1	3	7				

9.

7	4	3	9				





**Reasoning and problem-solving challenge questions:** If you are up for a challenge, then have a go at the word-based problem solving questions below!

Explain the mistakes

$$564 \div 3$$

Mistake 1

$$\begin{array}{r} 121 \\ 3 \overline{)564} \end{array}$$

Mistake 2

$$\begin{array}{r} 194 \text{ r } 2 \\ 3 \overline{)564} \end{array}$$

Mistake 3

$$\begin{array}{r} 187 \\ 3 \overline{)564} \end{array}$$

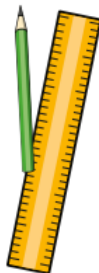
Sunny Day Primary school is having a charity event. The target is to raise £632. Thirty-two (32) children have raised £7 each. How much more money is needed before they reach the target?

- Tickets for a plane flight cost £246

There are 64 seats on the plane.

How much does it cost to buy all 64 seats for the flight?

Pencils are sold in boxes of 64  
Rulers are sold in boxes of 46  
A school buys 270 boxes of pencils and 720 boxes of rulers.  
How many more rulers than pencils does the school buy?



Find the missing numbers.

		1		6	
	3		9	8	



## **The Mayans:**

1. Why was farming so important to the Mayas?
2. What food did the Maya eat?
3. What did the Ancient Mayas believe in?
4. What did the Ancient Mayas invent?



Name: \_\_\_\_\_

**Sycamore class**

Well done, you have completed your Homework Portfolio. Please fill in the boxes below to tell us how you felt about the homework.

<b>Pupil</b>	What I liked...	Could be even better if...
<b>Parents</b>	What I liked...	Could be even better if...

**Remember, you will be awarded with a bronze, silver or gold certificate at the end of each half term. We will also spend an afternoon to look at everyone's homework packs that have been created, so that your teacher and peers can celebrate your hard work!**