



Year 5

Topic

Homework

Summer 1

Our Topic is:

Space

Optional Topic Homework

How it works:

You will get four house points for handing in one of the Topic tasks by Monday 1st June.

You can present your homework in the style of your choice.

Great things to try:

- You are going on a spaceship and can only take 10 things with you. What will you take? Either write or draw them in your suitcase.
- You are going to meet some aliens on another planet. What 10 things would you take as presents for them? Draw them in a gift box.
- Create your own space themed top trumps cards.
- Create a solar system model including all the planets and the sun
- Make an acrostic for one of the planets. This could be a list of words beginning with each letter, a sentence for each line or even a rhyme.
- Keep a sky at night journal for a whole week. Write about everything you can see in the sky. You could draw a picture of the moon every night. Does it change over the course of the week?

Year 5 Summer 1 Spellings Group 3

How it works:

These are the spellings your child will see each week on Spelling Shed. Each Friday your child will see a new list of spellings to learn at home. A dictation will take place the following Wednesday to test how well your child has learned their spellings. Your child's spelling score will be sent home in the front of their CGP homework book.

Week 1 Words ending in the suffixes - ment	Week 2 Words ending in the suffixes - ness	Week 3 Words ending in the suffixes -ful	Week 4 Words ending in the suffixes - less + -ly	Week 5 Words ending in -tion	Week 6 Challenge words
payment	rudeness	careful	hopeless	station	pretty
enjoyment	sadness	useful,	spotless	fiction	beautiful
agreement	greatness	playful	careless	motion	clothes
achievement	kindness	thankful	endless	nation	climb
adjustment	darkness	forgetful	restless	education	again
shipment	happiness	helpful	boldly	action	heart
movement	fitness	joyful	gladly	injection	breath
amazement	madness	hopeful	happily	caption	minute
placement	freshness	painful	easily	fraction	popular
argument	wildness	powerful	quickly	competition	strange

Key Instant Recall Facts (KIRF's)

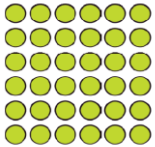
Year 5 Summer 1

Key Instant Recall Facts are number facts that we want our children to be fluent with and able to recall instantly.

By the end of this half term children in year 5 should be able to

recall square numbers and the number squared

What this looks like:



number squared: _____
square number: _____

$$1^2 = 1 \times 1 = 1$$
$$2^2 = 2 \times 2 = 4$$
$$3^2 = 3 \times 3 = 9$$
$$4^2 = 4 \times 4 = 16$$
$$5^2 = 5 \times 5 = 25$$

Circle the square numbers.

1	49	66	17	36	9	144
75	101	81	46	89	12	64
100	25	4	123	121		

3^2		
		16
5^2		

3^2	=		\times		=				

Write <, > or = to complete the statements.

4^2 5×5

7^2 47

64 8 squared

Practical ideas

Roll a dice and recall the square number.
Write some square numbers on small pieces of paper -
turn one over and recall the number squared.
Match square numbers and the number squared.

Vocabulary

fact
multiply
divide
square number
squared
multiply by itself

Online games:

[Hit the Button - Quick fire maths practise for 6-11 year olds \(topmarks.co.uk\)](#) (square numbers)

[Square Numbers - Whack-a-mole \(wordwall.net\)](#)

[Square Numbers - Match up \(wordwall.net\)](#)

The secret to success is practising **little and often**. Can you practise these KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a **fact of the day**. If you would like more ideas, please speak to your child's teacher.