



**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 2

## 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.

<b>Week 1</b> Words that are homophones or near homophones	<b>Week 2</b> Homophones	<b>Week 3</b> Homophones	<b>Week 4</b> Homophones or near	<b>Week 5</b> Homophones or near	<b>Week 6</b> Challenge words
advice	aisle	bridle	cereal	affect	achieve
advise	isle	bridal	serial	effect	apparent
device	allowed	guessed	principle	dessert	bargain
devise	aloud	guest	principal	desert	bruise
licence	father	heard	stationary	who's	community
license	farther	herd	stationery	whose	mischievous
straight	position	recent	therefore	possible	muscle
material	quarter	suppose	weight	eight	necessary
occasionally	forwards	potatoes	eighth	material	vehicle
possess	medicine	remember	group	increase	system

# Key Instant Recall Facts (KIRF's)

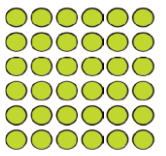
## Year 5 Summer 1

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		

$3^2$		
$5^2$		16

$3^2$	=		×		=				

Write <, > or = to complete the statements.

$$4^2 \square 5 \times 5$$

$$7^2 \square 47$$

$$64 \square 8 \text{ squared}$$

### 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 \(topmarks.co.uk\)](https://www.topmarks.co.uk) (square numbers)

[Square Numbers - Whack-a-mole \(wordwall.net\)](https://www.wordwall.net)

[Square Numbers - Match up \(wordwall.net\)](https://www.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.