



**Year 5**

**Topic**

**Homework**

**Summer 1**

**Our Topic is:**

**Wonderful**

**Worcester**

Useful Google searches:

## Optional Topic Homework

**How it works:**

**You will get four house points for handing in one of the Topic tasks by Monday 3<sup>rd</sup> 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> <b>Adverbs of possibility</b>	<b>Week 2</b> <b>Challenge Words</b>	<b>Week 3</b> <b>Homophon</b> <b>es or near</b>	<b>Week 4</b> <b>Homophon</b> <b>es</b>	<b>Week 5</b> <b>Homophon</b> <b>es</b>	<b>Week 6</b> <b>Homophon</b> <b>es or near</b>	<b>Week 7</b> <b>Homophon</b> <b>es or near</b>
certainly	accompany	advice	aisle	bridle	cereal	affect
definitely	communicate	advise	isle	bridal	serial	effect
frequently	conscience	practice	allowed	guessed	principle	dessert
obviously	desperate	practise	aloud	guest	principal	desert
often	disastrous	device	father	heard	stationary	who's
probably	interfere	devise	farther	herd	stationery	whose
experiment	nuisance	pressure	position	recent	therefore	possible
experience	queue	strange	quarter	suppose	weight	eight
grammar	restaurant	opposite	forwards	potatoes	eighth	material
library	rhythm	particular	medicine	remember	group	increase

# Key Instant Recall Facts (KIRF's)

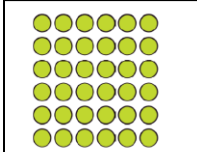
## Year 5 Summer 1

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
$5^2$		

$3^2$	=		x		=				

Write <, > or = to complete the statements.

$4^2$    $5 \times 5$

$7^2$   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 \(topmarks.co.uk\)](http://topmarks.co.uk)  
(square numbers)

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

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