



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 1

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 that are homophones or near homophones	Week 2 Homophones	Week 3 homophones	Week 4 homophones or near	Week 5 homophones or near	Week 6 Challenge words
advice	aisle	bridle	cereal	affect	achieve
advise	isle	bridal	serial	effect	apparent
device	allowed	guessed	complement	dessert	bargain
devise	aloud	guest	compliment	desert	bruise
licence	alter	heard	principle	draft	community
license	altar	herd	principal	draught	mischievous
practice	ascent	morning	stationary	precede	muscle
practice	assent	mourning	stationery	proceed	necessary
prophecy	farther	passed	wary	who's	vehicle
prophecy	father	past	weary	whose	system

Key Instant Recall Facts (KIRF's)

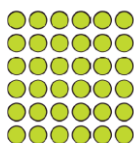
Year 5 Summer 1

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: _____

$$1^2 \quad 1 \times 1 = 1$$

$$2^2 \quad 2 \times 2 = 4$$

$$3^2 \quad 3 \times 3 = 9$$

$$4^2 \quad 4 \times 4 = 16$$

$$5^2 \quad 5 \times 5 = 25$$

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.

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

$$7^2 \quad \square \quad 47$$

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

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 \(topmarks.co.uk\)](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.