

Spag

We have learned lots about different clauses in Year 5. I would like you to revise **relative clauses** and think about the punctuation we use when we embed them into a sentence. For Example.

Miss Bass, **who loves teaching her Year 5 class**, is missing them very much.

Complete the task below. Don't forget capitals for proper nouns and check your punctuation!

Science

Reversible and Irreversible Changes.

Within all chemical reactions, a change may occur. There are two kinds of changes.

Reversible Changes – where a change is made physically and can be undone or reversed. For example: Freezing water to make ice. The ice can melt and change back to water.

Irreversible Changes - where the change made is chemically and can't be reversed into its original state. For example: baking a cake. We can't take the ingredients back out the cake to have eggs, flour etc. in their original state.

Head to BBC Bitesize Year 5 page to learn more about these changes and complete the activities that follow.

Here is the direct link -
<https://www.bbc.co.uk/bitesize/articles/z4vc86f>

Writing

You will soon be heading in to Year 6!
Write your new teacher a letter to let them know:

- What subjects you like/you feel you are good at
- What you have achieved in Year 5 (and pick something you are proud of yourself for)
- Something you might need help with next year
- If anything is worrying you, let them know what it is
- What you are most looking forward to in Year 6

Make sure you use your best handwriting and proof read and edit it before you send it back to me – we want to impress! You could even include a drawing of yourself and who you live with.

Maths

This week I would like you to revise multiplying and dividing by 10, 100 and 1000.

Remember, we don't need to use a written method for this – we can shove our numbers left and right to change their values. (Don't forget to add place value holders and to never move the decimal point!)

I have attached some questions below for you to complete.
Multiplying numbers – shove left to make the values of the digits higher.



Dividing numbers – shove right to make the values smaller.



Don't forget!

If you would like to do something different to the work I have set or you would like to do some extra home learning, head to:
www.bbc.co.uk/bitesize/dailylessons

Make sure you click on Year 5.

Here you will find some amazing lessons across all subjects.

Ironstone Bridge Project!

Well done to all those children who have already built their bridge and sent me pictures/tagged school on Twitter @OverfieldsPri

Spellings

This week we are focusing on the next ten spellings from the Y5/6 Spelling List. These are inside your reading rocket too.

Immediate	Language
Immediately	Leisure
Individual	Lightning
Interfere	Marvellous
Interrupt	Mischievous

Apply them to sentences and test yourself on Friday. Good luck!

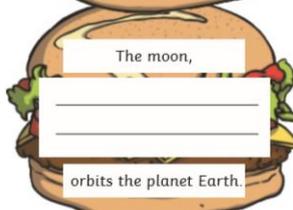
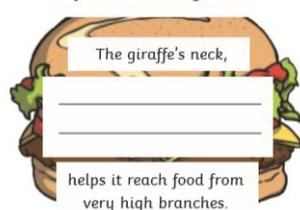
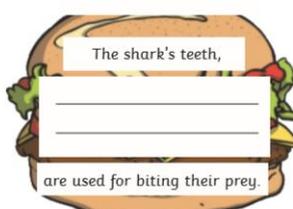
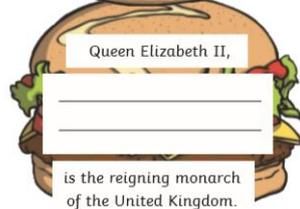
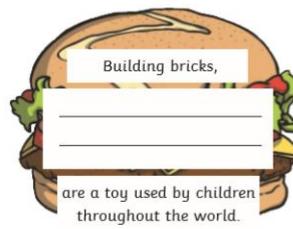
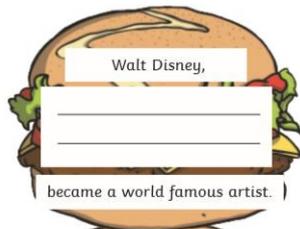
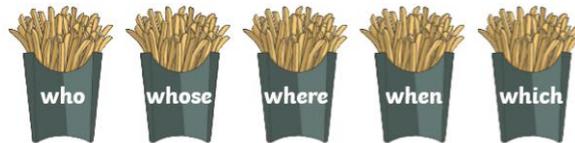
Relative Clauses

I can use relative clauses.

Choose one phrase from each column (three in total) to make a sentence.

Guster the dragon	who was green and scaly	snorted flames.
Miranda	who was wearing a green, sparkly dress	munched on lemon drizzle cake.
Gran	whose false teeth had fallen out	told a story of dragons.
Redbreath the dragon	who was the size of an entire classroom	swooped down and swallowed a rabbit whole.
Chief Alfwyn	whose beard was long and grey	was proclaimed as king.
Naedre the snake spirit	who was covered in scales	appeared out of the mist.

Who can make the silliest sentences? Don't forget to use a pair of commas to separate your relative clause!



Challenge!

Can you write your own sentences using a range relative pronouns?

Multiplying and Dividing by 10, 100 and 1000.

Complete the grid below. Don't forget to use your knowledge of place value! We know when numbers get bigger, they are moved to the left. Therefore, when they get smaller, they move to the right!

4×10	1000×7	34×100
28×10	505×10	73×100
100×28	1000×34	73×10
$4 \div 10$	$34 \div 10$	$505 \div 100$
$505 \div 1000$	$7 \div 100$	$2800 \div 100$
$730 \div 100$	$34 \div 1000$	$400 \div 100$

Now you have had some practise, complete the problems below.

Problem Card 1 – Ordering

Put these calculations in order from smallest to biggest.

100×540 5.4×1000 $5400 \div 10$ $5400 \div 1000$ $540 \div 10$

Problem Card 2 – Make 70

By using a number from column A, an operation from B and a number from C, how many ways can you find to make 70?

A	B	C
7	×	1
70		10
700	÷	100
7000		1000

There are more than 4 ways!

Problem Card 3 – Pathway

6	x 10	x 10	÷ 100
÷ 10	x 100	x 100	÷ 10
x 10	÷ 10	÷ 1000	÷ 100
÷ 1000	x 1000	x 100	0.06

Can you find a path from 6 to 0.06?

You are not allowed to make diagonal moves.

IRONSTONE BRIDGE PROJECT



Bridges are amazing structures – think where we would be without them! There are thousands of different types of bridges all over the world from a simple plank over a stream to our historic Transporter Bridge over the River Tees.



We are issuing you with a **CHALLENGE** to build your own bridge at home. It could be inside or outside if you have a garden or yard and it can be made from anything you have lying around. BUT – please ask an adult first; don't go using your family's last packet of spaghetti!

Watch this video our project engineer, Paula, has made which tells you all about the challenge.

https://www.youtube.com/watch?v=QK6n_EUJWZk&feature=youtu.be



So the challenge is to build a bridge – here are a few ideas but I bet you can come up with much better ones.



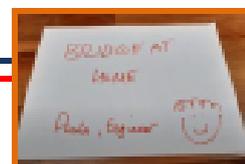
Build a bridge across a sink or bath for your toy vehicles to cross – make sure they don't fall in!



Find a way to get across a garden path without touching it – make sure you leave space underneath though!



Find a way to get your lego people from one chair to another without falling to the floor.



REMEMBER THOUGH!

- ✓ Stay safe – don't climb onto a homemade bridge unless an adult says it is safe.
- ✓ Ask first before using anything from home to build your bridge.
- ✓ Only use tools if an adult says it is ok and is supervising you.

Don't forget - take a picture of your bridge and post it to your school's website or twitter. We would love to see any drawings, designs or



independent work on bridges.

