

Maths**Challenge 1 – Potion challenge**

A witch needs a 24-leg potion to turn her Year 6 teacher into a frog. She's got Spiders (8 legs) Lizards (4 legs) and Bats (2 legs) Try to find all the possible spells to turn her teacher into a frog! e.g. 2 spiders, 1 lizard and 2 bats would do the trick. Make a list of your combinations – how many can you find?

Extensions

- 1) The witch needs a weaker potion (16-leg) to turn the bossiest person in her class into a frog.
- 2) The witch needs a stronger potion (32-leg) to turn her Headteacher into a frog!

Challenge 2 – Maths chains

	Then	then	then	then	then	then	then	then	finally
Starting number	- 6	x 3	+ 6	÷ 3	+4	x 10	1/2 of it	-25	-10%
15	9	27	33	11	15	150	75	50	45

Your turn 😊

Starting number	÷ 3	+11	x 100	1/4 of it	+ 50%	÷ 100	+ 2.5	x 0	+ 27
27									

Starting number	Square it	+ 34	2/5 of it	x 10	+ 20%	÷ 8	x 20	÷ 1000	+ 0.4
4									

Design your own for one of your family to solve

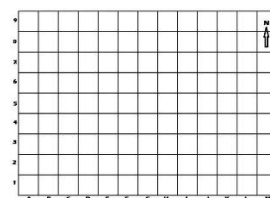
Starting number									

Challenge 3 – Petting Zoo

You need to make RECTANGULAR enclosures.

- 1) Make a chicken enclosure which covers an area of 36m² in the south-west corner of the map. Draw the chickens and make the enclosure yellow.
- 2) In the centre of the map make a guinea pig enclosure that covers 4 m². Draw in the guinea pigs and colour the enclosure green.
- 3) In the east of the map make a lamb enclosure which covers 10 m². Draw in the lambs and colour the enclosure light brown.
- 4) Draw paths to join all your enclosures.

(1 Block = 1 m²)



On **Friday 8th**, Year 6 will be able to take part in a [Times Table Rockstars](#) battle! Each class will compete against each other to see who can collect the most coins during the day. Who will end up on top? There is only one way to find out – get on as much as you can between **9am and 3pm on Friday** and the winning class will be announced via Facebook at the end of the battle. The winning classes from each year group will go through to next week's semi-final and maybe even on to the final! It's all to play for!

Writing

If you could be any character from fiction (books, games, films, TV shows, comics), who would you be? Explain why.
Challenge - Write a diary entry imagining you have woken up as your character. What would you do? How would you feel? Use openers for your sentences.

Grammar Challenge

Bob thinks:
 Parenthesis can be marked using brackets, commas or dashes.
What do you think? Convince me!
 Use examples to help you.

Spelling Challenge

Bob thinks:
 These suffixes will change a noun to a verb.
 -ate -en -ify -ise
What do you think? Convince me!

Reading – What would Jenny do?

Read the information about Jenny and then explain how she would react in each situation listed below. Justify your answers.

Jenny is a very timid girl. Although she is kind and thoughtful, many people do not think these things about her because she is always quiet. Jenny loves hanging out with her close friends, but she has trouble getting to know new kids because she doesn't know what to say to them. Whenever she tries to start conversations her heart pounds and her tongue ties. Her favourite past times are reading – she loves books – and karate: last month she got her brown belt, which is only two below black! She firmly believes in the Karate Principle: Karate stands on the side of justice.

Situation 1 – A classmate Jenny doesn't know very well sits down next to her at lunch and introduces herself.

Situation 2 – Mr Henderson (Jenny's teacher) asks her to present her book review to the whole class.

Situation 3 – Jenny sees some older children picking on a younger child.

Proverbs

A proverb is a saying with a message. Explain what each of these proverbs mean:
 - Actions speak louder than words.
 - Beauty is in the eye of the beholder.
Challenge – Explain this Chinese proverb.
Pearls don't lie on the seashore. If you want one, you must dive for it.

VE Day celebrations take place on 8th May. Find out about VE day [here](#) and then try this VE Day activity.

Create a fact file about Winston Churchill. Listen to his speech announcing the end of the war. Who is Winston Churchill? What is he remembered for? How would it have felt to be there? What do you like about the speech?
 After that, learn the WW2 song [Boogie Woogie Bugle Boy](#)

Weekly Learning Project

Our most recent vehicle involved a lot of work around plastic pollution and the dangers of this on our environment and animals. Carry out a survey of the amount of different types of recyclable materials used and thrown away within a week in your home – think about plastic bottles, plastic packaging, cardboard, paper, glass and cans. How can you record your findings? Can you show this in different types of graphs? How much of these were recycled and how much was not? Why was some not recycled?

Make a calming fiddle toy, using a balloon, a variety of household ingredients work well e.g. salt, flour, rice. Just use a small funnel or spoon small amounts into neck of balloon and tie off. If you haven't got a spare balloon then you could use a disposable glove or cling film wrap. Experiment with different fillings and decide which texture you find most soothing.

W.b. 4/5/2020

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