

Year 5 Home Learning Newsletter— 13th July 2020

English

Key Text: 'Rooftoppers' Katherine Rundell (sign up to audible.co.uk for a free 30 day trial and download the book)



Writing Challenge

Sophie, Matteo and the other 'Rooftoppers' spend a lot of their time hidden away from the rest of the world in trees and rooves. Imagine you could start a new life living somewhere completely different, where would you choose? Plan, then write a persuasive brochure which encourages other people to live in a secret imagined place.

Science

Can you make an egg parachute? This is a fun experiment that demonstrates forces acting on parachutes.

<https://www.science-sparks.com/gravity-and-air-resistance/>

Can you make it work or does your egg break? We can't wait to see a video of your experiment!



Art



Find out about Pop Art using the following link. <https://www.artyfactory.com/portraits/pop-art-portraits/pop-art-portrait-lessons.html>

Create your own Pop Art piece of artwork.

Maths Work

2 Louise is thinking of a 4-digit number. Here are some clues to the number.

The number lies between 4,000 and 5,000

All the digits are different

The digit in the tens place is twice the digit in the thousands place

The sum of the digits is 24

The number is odd

What could Louise's number be?



Follow the links to complete some work on percentages fractions and decimals <https://www.bbc.co.uk/bitesize/articles/zhntwnb> <https://www.bbc.co.uk/bitesize/articles/zynhjsjg>. Work sheets have been downloaded for you.

Nature

Please see the following couple of pages with the last of the Nature challenges for you to complete.—make some binoculars and make a musical rain stick.



Make a musical rain stick

wildlife
watch



You will need

- Old cardboard tube (the thicker the better)



- Marker pen
- Nails or similar

- Masking tape

- Cardboard

- Scissors

- Dried beans or rice

- Hammer

- Crayons, markers or paint



- 1 Draw dots 2cm apart along the length of the cardboard tube. They don't have to be in a straight line - a spiral pattern works well.

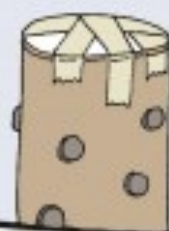


- 2 Hammer a nail into the tube at each mark (don't let the nails poke out through the other side).



Wrap a long piece of masking tape over the nail heads so they don't injure little hands or get pulled out!

- 3 If your tube doesn't have any plastic lids, make your own by drawing round the end of the tube (twice) onto card and cutting out. Seal a lid at one end of the tube with some masking tape.



- 4 Pour a handful of dried beans or rice into the tube, then secure the open end with a lid and tape.



- 5 Decorate the outside of the tube - you may want to draw on your favourite wildlife and flowers or you may have a theme - it is completely up to you!



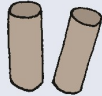
- 6 When you have finished decorating it, gently tip the tube upside down and listen to the rain!



Make your own binoculars

You will need

- Two cardboard tubes (you can use toilet roll tubes)



- String



- Paper



- Scissors



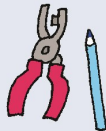
- Glue



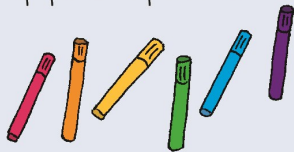
- Rubber band



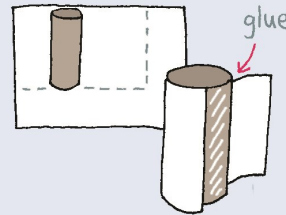
- Hole puncher or pen



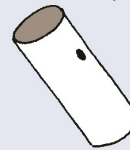
- Felt tip pens (optional)



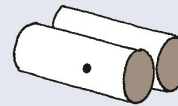
- 1 Cut your paper to size, then cover your tubes with glue and wrap the paper around them.



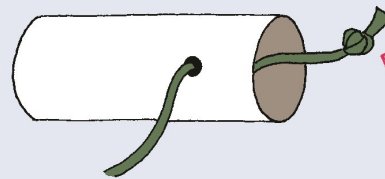
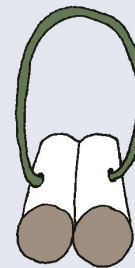
- 2 Using a pen or hole puncher, insert a hole at the side of each tube, about a third of the way down.



- 3 Glue the two tubes together so that the holes are facing the outside.

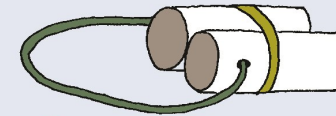


- 4 Insert string into one of the holes from the outside of the tube. Bring it through the tube and tie a chunky knot. Gently pull the string back from the outside. Repeat on the other side.

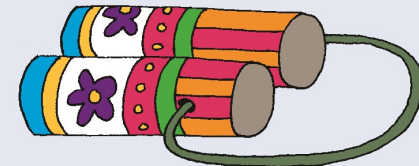


The knot will stop the string coming back through the hole.

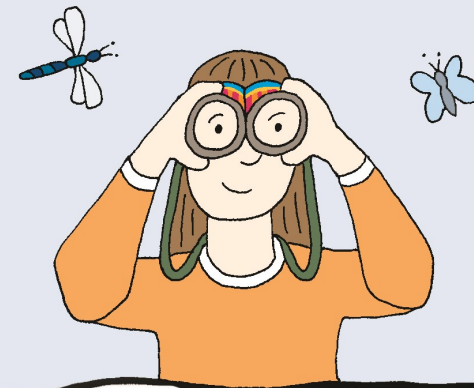
- 5 Place a rubber band around the tubes to help the glue set. Leave to dry over night.



- 6 Remove the elastic band and then decorate them with pens!



- 7 Go wildlife detecting!



Spellings

Top Tips

- ◆ Write them in the air, in water or chalk.
- ◆ Bounce a ball as you spell the words.
- ◆ Rainbow writing (re-write each word with each letter a different colour)
- ◆ Make a story or poem using the words of the week.
- ◆ Draw and colour a picture, hiding each of the words inside it.
- ◆ Write them in alphabetical order.
- ◆ Write a riddle for each of your spellings.
- ◆ Play charades (act out the words and ask a member of your family to guess what the words is)

marvellous

mischievous

muscle

necessary

neighbour


nuisance

occupy

occur

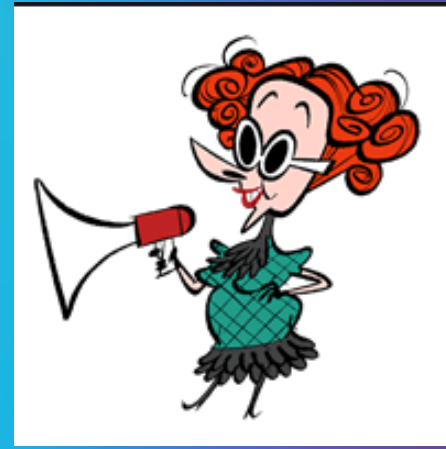
opportunity

parliament



Powerful
Words

Mrs Wordsmith's Powerful Words Challenge



Can you write a silly story using as
many Mrs W Powerful Words as
you can?

Prove it.

This term's Powerful Words:



commotion

bicker

bombard

Laborious

tedious

unwind

hurtle

skulk

swagger

statuesque

robust

innovative

brazen

presumptuous

vacant

