

English Challenges

- Remember to keep reading using Bug Club and complete the quizzes afterwards.
- Think of your favourite band or artist, can you write a song or rap in their style? Can you include any rhyming couplets? Remember to write in verses.
- Here is the start of a story. Can you complete it? Include ambitious vocabulary, figurative language and a range of sentence types.



'As she was walking along the beach, Maz saw a beautiful green glass bottle that had been washed up on the shore. Eagerly, she bent down and picked it up. There was something inside it. She pulled out the cork to see what it was ...'

Mathematics Challenges

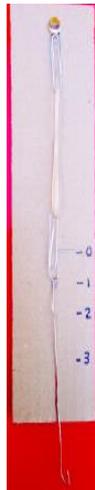
- Check out daily Maths lessons on <https://whiterosemaths.com/home-learning/year-5/> These have videos which teach you and questions for you to do.
- Log in to Times Table Rockstars. Can you beat your last top score?
- Make a poster to remember square, cubed or prime numbers. Make it bright and clear.



N	SQUARE	CUBE
1	1	1
2	4	8
3	9	27
4	16	64
5	25	125
6	36	216
7	49	343
8	64	512
9	81	729
10	100	1000
11	121	1331
12	144	1728
50	2500	125,000
100	10,000	1,000,000
1000	1,000,000	1,000,000,000

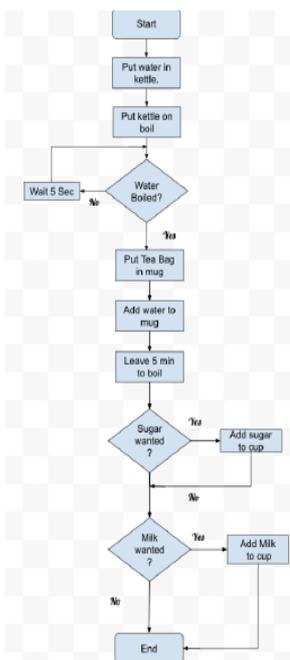
Science Challenges

- Make your own forcemeter! You will need: rectangular strip of cardboard, rubber band, $\frac{3}{4}$ jumbo paper clips, split pin (or something to fit the band to your cardboard), pen. The instructions are as follows; Straighten one of your paper clips to a hook shape and bend it to hook on to your second paperclip. Bend this paperclip, this will be your gauge. Attach a paperclip to a rubber band and finally attach this to your final paper clip. Fix your paperclip to your cardboard using a split pin. Mark the side of your cardboard with equal increments on one side. These will be your units of force. Hook the end of your paperclip to an object



ICT Challenges

- Select an appliance at home. Can you make a flow chart of instructions? Take the kettle as an example.



Geography Challenge

- Can you name all seven continents?
Can you name all five oceans?
Below is a world map, can you sketch a copy and fill in as many countries as you know?



Here is a list of countries. Can you find out an interesting fact about each of them?

United Kingdom, Norway, Denmark, Sweden, Brazil, India, New Zealand, France.

History Challenge

- Research an inventor. Either choose an invention you are interested in or choose one of these inventors below to research. Once you have done you could design a fact file or a poster about your inventor.

Thomas Edison, Alan Turing

Creative Challenge

- Design yourself a fitness challenge. For example, how long does it take you to do 10 star jumps, 10 squats, 10 press ups, 10 sit ups? Time yourself and try to beat your time the next day.
- Design a poster about how to support your mental health during this historic time. You might want to include: a good diet, regular exercise, a good sleep pattern, talking to others.

Cultural Capital Challenge

- With adult supervision, follow a recipe to cook a meal for your family. You could look up what fruits and vegetables are currently in season. You could trial a new diet - maybe look into vegetarianism and try it out for a day, a week or longer!
- With adult supervision, find out how to use appliances around the house that you would not normally use, such as: the washing machine, dishwasher, tumble dryer, the oven and the iron.



General Knowledge Challenge

- Watch 'Newsround'
<https://www.bbc.co.uk/newsround> and complete the quiz to test your knowledge.
- Visit
<https://www.guinnessworldrecords.com/> and write down 10 things you have found out.

Art & Design Challenge

- Take a look at these pieces of art. What do they have in common?
You're right - reflection! Have a go at creating your own piece of art work in this style. Use whatever materials you have (pens, pencils, felt tips, paint, fabrics).

