

English Challenges

- Write a review of your favourite book. Include a blurb about the plot and who the main characters are. Say why you like it and why you would recommend it to others.
- Write a song on the theme of the coronavirus lockdown - it could be about your experience of missing school, a thank you for keyworkers or your hopes for when lockdown ends. Include at least two verses and a chorus.
- Remember to keep reading using Bug Club.



Mathematics Challenges

- Find a range of 2D and 3D shapes in your home. What are the properties of these? Can you use the following vocabulary when describing your shapes: acute, obtuse, reflex, parallel, perpendicular, pyramid, prism, faces, vertices, edges, symmetry?
 
- Follow a recipe of your choice. Weigh and measure the ingredients. Can you convert these measurements into another unit? Remember $1000\text{g} = 1\text{Kg}$, $1000\text{ml} = 1\text{l}$
- Visit TT Rockstars to ensure your class wins the tournament. Currently 6E are in the lead! But only just!! Have you accepted Miss King's challenge and beat her score?
- Check out daily Maths lessons on <https://whiterosemaths.com/home-learning/year-6/> These have videos which teach you and questions for you to do.

Science Challenges

- Choose a habitat which you have learned about and design an animal which would be able to survive the conditions. You may wish to use this website for ideas: <https://switchzoo.com/elephant-habitat.html>

- Make a mindmap of the science topic Evolution and Inheritance.
- Make a zine on the different types of animals. Use the vocabulary: vertebrate, invertebrate, mammal, fish, reptile, amphibian, bird, cold blooded, warm blooded. Can you include any features of each type and give examples? You can add pictures and diagrams.

History Challenge

- Ask older relatives about what things were like when they were growing up. What things have changed, what things are the same? Write up what you found out and which time you would prefer to grow up in and why. If you can, include a timeline of changes e.g. when they got a computer or mobile phone for the first time.

Geography Challenge

- Draw a detailed and accurate map of your local area, labelling key points of interest such as shops, schools, churches etc. Create your own map symbols to represent these and draw a key to show what they mean.



Art & Design Challenge

- Make a heart to show your appreciation for NHS and other key workers. This could be made from playdough, pebbles, papier maché, cake etc. and be decorated in bright colours.
- Draw a self-portrait or a family portrait to represent your time together as a family. You can include some activities you are doing together.



Creative Challenge

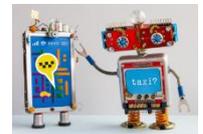
- Design a suit to protect NHS and other key workers against Coronavirus. Write about it and describe its features. Consider: What is it made of? What special features does it have and why? How does it protect them?
- Create a comic strip of instructions for an exercise routine to help people keep fit in their homes during the lockdown. Explain how each exercise helps the body to keep fit. Give advice on healthy eating too - what should they be eating to stay healthy and why.
- Ever wondered who the first person was to kick a ball into a net and call it a goal? Ever wondered who decided a basket was worth 2 points? Ever wondered why Tennis is called Tennis? Well someone had to come up with these rules and create a new game! How about you create a brand-new sport which we can then play in school?

ICT Challenges

- Create a quiz of at least 30 questions for your family to do at home or share with other family members / friends.
- If you have Internet you could use Kahoot to create it and share with others.
- Login with OPPA Student Password OysterY6



- Create a set of algorithms for a robot/ or toy to move to a specific location in your house. Write your instructions out first. If your instructions are not accurate, you will have to debug them and try again. You could make the task more difficult by asking your robot/toy to pick something up.
- Can you work with a family member and make instructions for them to follow?



Cultural Capital Challenge

- Look at the labels on the food items which are in your home. What is the country of origin? What continent is this in? What would the climate be like there? Extend this by finding out how far your food source has travelled. What local food have you found? Does this change seasonally? Why do you think this would be the case?

