

English Challenges

- Remember to keep reading using Bug Club and complete the quizzes afterwards.
- Make a quiz or a board game using some of the SPAG skills you have learnt. Try to include some of the following: Relative clause, preposition, adverb, verb, noun, modal verb.
- Write a song to convey how you are feeling, the things you are doing, your hopes and dreams during lockdown
- Be a detective looking for clues in the picture on the link below. Use your inference skills when answering the questions.



<https://www.onceuponapicture.co.uk/>

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.
- When your family member next goes to the shop, ask them to get a receipt. Look at the prices and practise your rounding skills, rounding numbers up or down. Remember the rules for rounding.
- Log in to Times Table Rockstars. Can you beat your last top score?



Science Challenges

- Create a variety of 3D objects using blu tack, play doh or modelling clay. Drop them into a container of water. Explain which fell the fastest or slowest using the principles of water resistance.
- Research the designs of the world's fastest cars, planes, bikes etc. Why are they designed the way they are? What is special about their design?



- Visit BBC Bitesize and watch the clips and complete the activities to learn about friction.

<https://www.bbc.co.uk/bitesize/topics/zsxxsbk/articles/zxqrdxs>

Geography Challenge

- Go on a virtual tour of the Moon. What is the landscape like? Explain how it compares to other planets. Present your findings in an interesting way.
- Create a fact file about the Sun.
- Design a game of Top Trump about countries around the world. You may need to look up the size of the population, average temperature, average rainfall, area, languages spoken



History Challenge

- Check out this video about another well known world pandemic. What are the similarities and differences between this and Covid-19?

<https://www.funkidslive.com/learn/great-war/how-spanish-flu-took-hold-before-the-end-of-the-first-world-war/>

- What was your favourite toy when you first started school? Ask your parents and grandparents what theirs was. Are there any similarities or differences?



Cultural Capital Challenge

- Research the UK monarchy. Can you place the Kings and Queens of this country on a timeline?



- Watch the SpaceX launch and create a 3-2-1;

3 questions you would ask an astronaut

2 facts about the mission

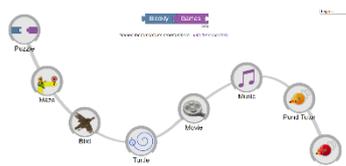
1 reason the SpaceX was launched

<https://www.manchestereveningnews.co.uk/whats-on/whats-on-news/spacex-rocket-launch-time-how-18317892>

ICT Challenges

- Make up a dance move. Use coding to explain the moves step by step.

- Visit <https://blockly.games/?lang=en> and have a go at the programming challenges.



Art & Design Challenge

- Recreate a piece of art work in the style of Andy Warhol.



- 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.



Creative Challenge

- Design a suit to protect the 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 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.

General Knowledge Challenge

- Watch 'Newsround' <https://www.bbc.co.uk/newsround> and complete the quiz to test your knowledge.
- Make up a crossword or a KAHOOT about a topic you studied in Y5. You may include Space, Life cycles, Ancient Greece, Vikings.