

English Challenges

- Remember to keep reading using Bug Club and complete the quizzes afterwards.
- Choose a book you have read. Write a review which includes a blurb about the plot and who the main characters are. Say why you like it and why you would recommend it to others.
- <https://www.pobble365.com/> This website uploads a new picture each day to help inspire your writing. How many of the daily challenges can you complete?
- Think about a movie or TV show you have seen recently. Can you turn a scene into a play script? Remember stage directions.



Mathematics Challenges

- Follow a recipe of your choice, weigh and measure the ingredients. Can you convert them to another unit of measurement?

Remember $1000\text{ml} = 1\text{l}$ $1000\text{g} = 1\text{kg}$.

- Write the Roman Numerals you can remember.

☺ Roman Numerals ☺					
I	1	XX	20	CC	200
II	2	XXX	30	CCC	300
III	3	XL	40	CD	400
IV	4	L	50	D	500
V	5	LX	60	DC	600
VI	6	LXX	70	DCC	700
VII	7	LXXX	80	DCCC	800
VIII	8	XC	90	CM	900
IX	9	C	100	M	1,000
X	10	CL	150	V	5,000

Use these to create your own calculations to solve.

E.g. $V + I = VI$ (6)

$X + XIX = XXIX$ (29)

- Solve this how many ways problem

Complete using digits 1-9. Use the 7 as shown.

$$\blacksquare \blacksquare 7 = \blacksquare + \blacksquare + \blacksquare + \blacksquare$$

Level 1: I can find a way

Level 2: I can find different ways

Level 3: I know how many ways there are

Science Challenges

- Create a model of the Solar System. You could use objects such as different size fruit or balls to show the relative size of each one.



- Create and compare different plane designs such as paper planes. Which is the most streamlined and aerodynamic and why?
- Visit BBC Bitesize and watch the clips and complete the activities to learn about gravity.



<https://www.bbc.co.uk/bitesize/topics/zf66fg8>

History Challenge

- Create a family tree of people in your family.
- Research which animals have travelled into space. Present your findings as a poster, leaflet, news report or presentation etc.
- Make a time capsule to open in the future. You could add photographs, newspaper cuttings and a letter about yourself.
- Go on a virtual tour of the National History Museum. <https://www.nhm.ac.uk/visit/virtual-museum.html>. What have you found out? What did you find the most interesting and why? Record your thoughts



Geography Challenge

- Would you like to live in the mountains? How would living in the mountains be different from your current life? Think of what it would be like to live in a mountain area. There are two different points of view. Some people would love mountain life, whereas others would find it less fulfilling. Write a group of statements split them into those in favour and those against,
- Research how mountains are formed, the different types of mountains and famous mountain ranges in the world. Present your information in any way you choose. You may wish to use presentation software such as PowerPoint, create an explanation video using an iPad, write a report or create a model and discuss it.
- Can you find out and record the highest mountain in each continent?
- Find out and record 10 interesting facts about mountains.



Creative Challenge

- Design and make your own game. Test it out with a family member. It could be a card game, board game or an online game.
- Create a movement path with chalk in your garden or in front of your house.
- Create your own musical instrument using items from your house.
- Create a 3D model of a mountainous landscape



Cultural Capital Challenge

- 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.
- Choose your favourite composer or artist (anyone from the past or now). Produce your own music, trying to replicate their style.
- Learn how to count to 10 in another language such as Spanish.



1	uno	●
2	dos	●●
3	tres	●●●
4	cuatro	●●●●
5	cinco	●●●●●
6	seis	●●●●●●
7	siete	●●●●●●●
8	ocho	●●●●●●●●
9	nueve	●●●●●●●●●
10	diez	●●●●●●●●●●
Los números		Los números

General Knowledge Challenge

- Watch 'Newsround' <https://www.bbc.co.uk/newsround> and complete the quiz to test your knowledge.
- Create a quiz of at least 20 questions to play with your family. Some topics could include History, Geography, Music and Art.

Art & Design Challenge

- Recreate a piece of art work in the style of Claude Monet.



- Create an observational drawing of an item in your house. This could be a toy, device or even a piece of food. Can you use shading to shade areas of light and dark?



ICT Challenges

- Complete an A-Z portfolio of pictures from around your house and garden.
- Start a weekly blog or vlog about what is happening in the world today.
- Visit <https://blockly.games/?lang=en> and have a go at the programming challenges.

