

Year 4 Learning Activities - Week Eleven B 8th June 2020

Please read through the choice of activities on the next page with your grown-ups and try to complete FIVE each day. Your parents/carers can send pictures of your learning or ask any questions via my email account:

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A day for the Y4 class at the moment could look like:

Time	What are we doing?	Activity choices
9.00 - 10.00 am	Active / Motivation Time	Join Joe Wicks - The Body Coach TV - youtube - for his daily workout or choose one of the activities in the pink boxes.
10.00 - 10.30 am	Reading Time	Read a book or your choice or choose an e-book on the OxfordOwls website www.oxfordowl.co.uk/for-home/find-a-book/library-page
10.30 - 11.00 am	Learning Time	Play some Maths games online. Try: coolmathgames.com or mathsframe.co.uk
11.00 - 12.00 pm	Learning Time	Choose one of the activities from the green boxes.
12.00 - 12.30 pm	Lunch	Help to make lunch, clean up and put everything away.
12.30 - 1.00 pm	Free Play	
1.00 - 2.00 pm	Creative Time	Choose one of the activities in the yellow boxes.
2.00 - 3.00 pm	Innovation Time	Choose one of the activities in the blue boxes.

Good luck and keep in touch! We look forward to seeing what you have all been up to.

Learning Time	Creative Time	Innovation Time	Motivation Time
<p>Have a go at all of the BBC Maths lessons this week! As well as the daily Maths lessons, choose some extra ones that interest you. If you can't decide, I've put arrows by ones that I recommend! https://whiterosemaths.com/home/earning/year-4/ Maths worksheets & answers can be found on the Penguins page of the school website.</p> <hr/> <p>Imagine that you have gone on holiday to visit a volcano and you are writing home to tell your family all about it! What would you say?</p> <hr/> <p>Playing hide-and-seek in the woods, you find most of your friends but the last one is still missing. You hear them call for you and follow their voice. It leads you here:</p>  <p>Write a story to say what happens next. Some suggestions are written below.</p> <hr/> <p>36 people live in these 8 houses. Each house has a different number of people living in it. Each line of 3 houses has 15 people living in it.</p> <p>How many people live in each house?</p>  <p>A possible answer is shown below.</p>	<p>Watch genuine footage of volcanic eruptions here: https://www.youtube.com/watch?v=VBTAcACmcgo Make your own volcanic eruption, using simple ingredients! Follow the instructions below!</p> <hr/> <p>In 79AD Mount Vesuvius erupted in Pompeii. The ancient Romans wrote about what happened and the ruins of the town and even the remains of people who were living there at the time can still be seen today.</p> <hr/> <p>Research the Pompeii eruption here: https://kids.kiddle.co/Pompeii</p> <hr/> <p>Architects in places where earthquakes happen design buildings that can shake without falling down! Can you use connect sticks to make stable structures that can do the same? You could use toothpicks & raisins, but there are lots of alternatives!</p>  <p>More guidance below!</p> <hr/> <p>Earlier in the year we looked at Turner's paintings of the sea. He was also fascinated by volcanoes and painted them:</p>  <p>Draw your own version. Use paint if you have it to give the explosion the liquid look of real lava!</p>	<p>Choose a game from ixl.com - this week, I recommend 'Show fractions: area models': https://uk.ixl.com/maths/year-4/show-fractions-area-models Easy? Explore some of the other games available on this website! Click on the words 'Year 4' to see all the games available.</p> <hr/> <p>Explore the Active Maths website: http://www.active-maths.co.uk/ Play a game on your own or with a partner - there's lots of challenges here!</p> <hr/> <p>Play the role of Mayor to save your town from the Mt Leakytop volcano. Install the seismometers and prepare the town for evacuation! https://www.cfa.harvard.edu/earthscope/volcano_island/</p> <hr/> <p>New one from here: Make Op-Art spirals that'll twist your eyes! Watch the tutorial to see how: https://www.youtube.com/watch?v=2EPLYkZdq2I</p>	<p>We're all allowed to take exercise outdoors, once a day, as long as we can keep a safe distance from others.</p> <p>The Daily Mile at Home offers easy, fun ideas for exercise activities for you and your family: https://thedailymile.co.uk/at-home/</p> <hr/> <p>Lava Carpet. In this classic game the children must leap from safe base to safe base without touching the ground as the floor is made of molten lava and will melt them on contact, sending them back to the start. Can be played outside or inside in any space big enough and what constitutes 'the floor' is up for debate - does a rug count?</p> <hr/> <p>Add a mathematical challenge to this game by putting times tables facts on each safe base that need to be correctly answered before the base can be used!</p> <hr/> <p>Follow an online yoga video at Cosmic Kids cosmickids.com</p>

Year 4/ P5 online lessons

Monday 8 June- Friday 12 June



Bitesize Daily Lessons

Monday	Tuesday	Wednesday	Thursday	Friday
English Mastering inverted commas	English Using a dictionary	English Using a thesaurus	English Exploring synonyms and antonyms	English Reading lesson: Kensuke's Kingdom by Michael Morpurgo
Maths Tenths	Maths Divide one and two digit numbers by 10	Maths Hundredths	Maths Divide one and two digit number by 100	Maths Maths in football
History How and why did the Romans invade Britain?	Geography Biomes	Science Renewable and non-renewable energy	Spanish Counting, family and friends	Art and Design Exciting paintings - reviewing classic paintings

Find all this content and more at: bbc.co.uk/bitesize/dailylessons

Story writing

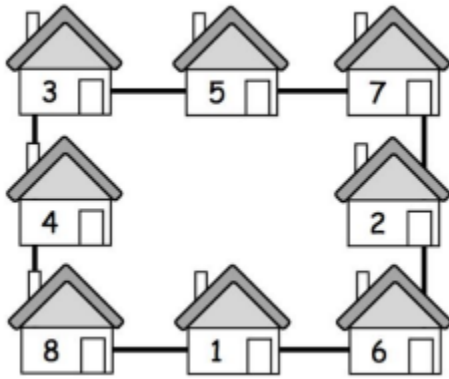
Think about the following:

- What does the sign mean? Is that blood on the sign? Why might it be there?
- What is the weather like? How could that make your journey difficult?
- Why is the crow looking at you? Will it follow you or fly off?



Maths challenge

One possible answer is below:



Making a volcano

There are lots of tutorials about how to perform this experiment online, but these instructions should get you there too!

You will need:

- A container such as an egg cup or similarly sized lid. The top of a recycled drinks bottle cut off and turned upside down works well.
- Some vinegar
- A couple of tablespoons of bicarbonate of soda
- Paper or a toilet roll tube to make your 'volcano' design.
(You can also add a bit of food colouring or paint and some washing up liquid for an extra colourful or frothy eruption!)

First, design your volcano. It will get very wet during the activity, so do warn children that their art may not survive! A piece of paper rolled into a cone works well. Cut an opening to allow the 'lava' to escape.

Put your egg cup or container inside the tube and pour in approximately 2 tablespoons of bicarbonate of soda. Add the food colouring and washing up liquid at this stage.

Next, get ready to pour in the vinegar and stand back! More vinegar will cause more of a reaction, pour a splash in straight from the bottle.



Make an earthquake resistant building

Houses and other buildings built in areas at risk of earthquakes have to be engineered so that they don't crack and fall apart. Instead, the buildings sway with the movement of the earthquake and don't break.

You can experiment with different types of structure using cocktail sticks (or spaghetti, though this is more brittle) held together with marshmallows or raisins.



Does the height of the building make a difference? Are there some shapes that are stronger than others?

As an extra challenge, you could test your building by making a wobbly floor of jelly in a large dish. You can shake the buildings to see which are the strongest!

