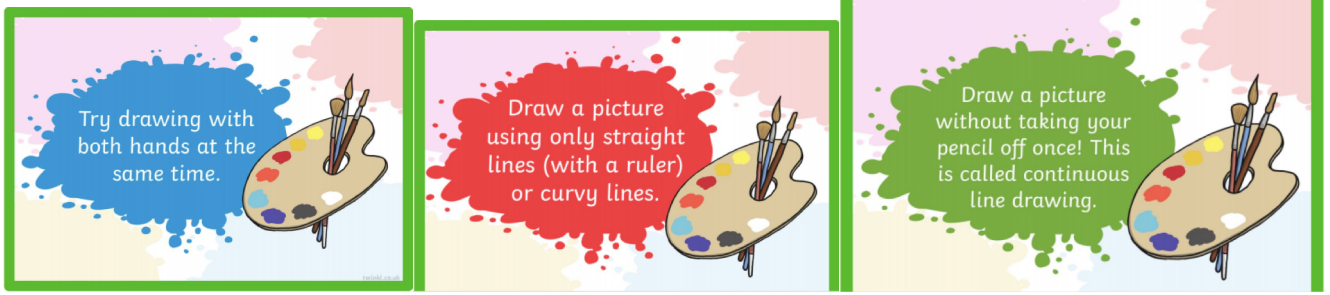
Pontarddulais Primary School

Home Learning – Spring term 2021 - Wk 1 – Wednesday 6th – Friday 8th January 2021

Try and complete your challenges on J2E (or upload) as it automatically notifies your teacher once you have completed the task.
Remember that if you complete your challenges on OFFICE365 you must share them with your teacher or they will not be able to see your work.
Or if you don't have internet access then you can complete the tasks on paper and the worksheets provided.
Let us know on 'Teams' how your work is progressing and when you've uploaded it.

Year Group: Year 6

AOLE	Challenge
Language Literacy and Communication 	Your extension activity in Science (presentation) is your Oracy task for the week. Wednesday 6th January is National Technology day and we will be investigating how technology has impacted on our lives and has changed over the last 50 years. This links our Spring term topic 'Decades'. We would like you to think about the question: **'Has the Internet had a positive effect on society?'** Think of and list the pros and cons of the following on an A4 sheet: • Social media • Internet as an educational tool • Online gaming • Impact on people's/children's mental and emotional well-being Upload these to J2e
Health and Wellbeing 	**We don't think you're going to like this task…** We want to see if you can survive without 'technology' for a day! • **NO phones/Tablets/TV/Computers/Games consoles etc.** We don't mean any other technology other than the above – you're still alright to make mum and dad a cup of coffee or cook dinner. Think of all the other things you can do to fill your day: • Cooking/ Art/ Reading/Board games… • See how long you can last without these things. We would like you to write a diary entry at the end of the day outlining what you found difficult and were there any benefits? • Challenge your whole family to join you!

AOLE	Challenge
Expressive Arts 	 **We would like you to attempt the above when drawing pictures of the following:** • **Both hands at the same time – 'A self-portrait'** • **Straight lines with a ruler – A bridge/ Curvy lines – A snake** • **Continuous line drawing – 'A flower'** **Upload these to J2e.**
Science and Technology 	## Solids, Liquids & Gases This term we will be focusing on 'Changing state' and 'Solids, liquids and gases'. This week we would like you to carry out some research. We'd like you to produce a poster showing the properties of solids, liquids and gases. This will be placed in your Science book as our research Schema; so, make them eye-catching and informative. Make sure you write this information in your own words to show you've understood what you've read. Focus on: • Labelled diagrams • Scientific vocabulary **i.e particles, state, bonds** • Examples of Solids, Liquids, Gases in nature • Explanations as to how a material changes state • Include a Glossary – explanation of unfamiliar Scientific vocabulary **Extension (link to LLC)** Why not create a video, showing water changing state? Think about the different states that water comes in – **ice, water, water vapour**. Maybe a video demonstration of water changing state before your very eyes, with narration explaining the process; using Scientific vocabulary. Upload your videos and posters to J2e.

AOLE	Challenge
Mathematics and Numeracy 	• **Two Primes Make One Square** We have a challenge for you. "Can you make **square numbers** by adding **two prime numbers** together?" Clue: We know that 4 is a Square number (2x2) and 2 is a Prime number. So; 4 = 2 + 2. **Remember: A square number is a number multiplied by itself.** **A Prime number can only be divided by 1 and itself.** **Have a go yourself. Could you list the Prime numbers up to 100 and then list the squares of the numbers from 4 – 20? Then, see how many Square numbers you can make using 2 Prime numbers added together.** **Or, can you list the Prime numbers and Square numbers between 1 and 50?** • **<u>Extra Rationing challenge:</u> Imagine you are a child in WWII. You have come home to find your house has been bombed and your family have lost everything. You will need to buy a whole new wardrobe for you and your family (2 adults/ 2 children). Use the coupon sheet to help you.**
Humanities 	One last activity to finish our WWII topic work links to Geography. We would like you to look at the map of Europe and identify the Coordinates of the Allied, Axis and Neutral countries. You will need to create a key with 3 columns and identify the country and grid references and upload to J2e. You will need to locate the countries, look for the star and write the grid reference for that country on your key.

Article 28: You have the right to a good quality education and your education should help you use and develop your talents and abilities.