



Pontarddulais Primary School

Home Learning



Use your HWB account and associated programs to complete your work.

If you use Office 365 remember to share your work with your teacher. When using Just2Easy [J2e] remember to save your work for your teacher to see in you're my file area.

Year Group: Year 5 Date: 18.05.2020

AOLE	Challenge
Language Literacy and Communication 	<u>Letter Writing</u> Write a letter to a key worker, to say thank you! It can be an individual key worker that you know personally, a key worker that you don't know personally, but are aware of, or even to an organisation like a hospital, care home, supermarket, post office, police station etc. Write to them to thank them for the great job that they are doing at this difficult time for us all. Remember to use all of the letter writing skills that we've worked on in Year 5 this year! When you've written your letter, please post it to the school Twitter account (@PontarddulaisSc), so that we can then send it on to the key workers and/or the organisations that you have written to, through Twitter. It would be great if you could deliver the letter to the person you've written it to as well, by post, or if it is <u>safe</u> to do so and you can include it in your daily exercise, by hand.
Health and Wellbeing 	<u>Create your own workout and playlist</u> As most of you I'm sure will have seen, Joe Wicks is doing a daily P.E. exercise routine on his YouTube channel, to help keep the nation physically active and physically fit. Click on the link below to see an example of one of his routines. https://youtu.be/OBdmT0IEFI4 We would like you to create a 10 minute workout routine of your own and teach it and do it with a member of your family or household. Try and include cardio-vascular exercises and strength exercises for both the upper and lower body muscles (you may have to do a bit of research into what cardio-vascular and strength exercises are). Write out your workout in the order in which you are going to do your exercises and for how long (e.g. sit-ups – 30 seconds, running on the spot – 1 min etc.) Once you've finished creating your workout, create a playlist of some of your favourite upbeat songs to do the workout along to. When you're happy with your finished workout, we'd like you to post it, with the playlist and maybe a short video of you and a family member doing some of it, to our school Twitter account, so that other people can try it so that we can then send it on to Joe Wicks, to see what he thinks!

AOLE	Challenge
Expressive Arts	<u>Grid Drawing</u> Below are some links to tutorials explaining all about 'Grid Drawing' and how to do it. Grid drawing is an excellent way of drawing any picture, but portraits in particular, because it's an easy way of helping you to draw very accurate pictures, by breaking down what you are drawing into small chunks. Watch the tutorials, then choose a picture of anybody you like, it can be yourself, someone from your family, somebody else you know or even somebody famous and then using the skills shown in the video and the skills you've already learned in Year 5 this year, sketch/draw a portrait. Once you've finished post your finished grid drawing to the school Twitter page (@PontarddulaisSc). https://youtu.be/dDYk8qjG1B0 https://youtu.be/kI0KZrpnSoQ
Science and Technology	<u>Marble Run</u> Are you ready to take on a fun STEM challenge? Using simple household materials, we want you to design a marble run, that takes no more than 60 seconds (<i>it doesn't have to be exactly 60 seconds like it says in the video</i>) for the marble to complete. Have a look at the link below which explains further about what a marble run is and to see how a marble run works, then get creative making your own. https://youtu.be/IN0Wn0XgPXQ If you haven't got marbles, you can use any type of ball, a power ball, a golf ball, a squash ball, a tennis ball or even a football. But the bigger the ball you use the bigger your run will have to be, so think about the materials that you've got available to you. Record your marble (ball) doing it's run and post it to the school Twitter page. The link below is an excellent example of a marble run that's been made using only every day household objects. https://youtu.be/RwZz0hHGLzw

AOLE	Challenge
Mathematics and Numeracy 	★ ★★ ★★★ 1. Learning objectives Solve mathematical problems or puzzles. Add numbers mentally and accurately. Explain methods and reasoning. At a four-legged table there is 1 Grandmother, 2 mothers, 2 daughters and a granddaughter. How many legs are under the table? 2. Learning objectives Solve mathematical problems by extracting and interpreting data. Explain methods and reasoning. You have an empty 3 litre jug and 5 litre jug and an endless supply of water. Using only the two jugs and the supply of water, how can you make EXACTLY 4 litres of water? 3. Learning objectives Solve mathematical problems or puzzles by extracting and interpreting data. Explain methods and reasoning. Only two boys and two girls can play tennis (The game must have been pre-lockdown!). George said: 'I will only play if Holly plays.' Holly said: 'I won't play if Ben is playing.' Ben said: 'I won't play if Luke or Laura plays.' Luke said: 'I will only play if Zoe plays.' Zoe said: 'I don't mind who I play with.' Which two boys and which two girls play tennis?
Humanities 	★★★★ Cities of the World Alphabet Challenge For your Humanities challenge this week we would like you to take on the Cities of the World alphabet challenge. To complete the challenge, you must name 26 cities from anywhere in the world, starting with the 26 different letters of the alphabet and you must order them, so that the starting letter of the city is the same as the last letter of the previous city on your list (see example below), you must also say what country the city is in. The list does NOT have to be in alphabetical order (but if you can, even better) and you are NOT allowed to use the same country more than once (try and do it without Google first to see how far you can get). e.g. Adelaide (Australia), Endinburgh (Scotland), Helsinki (Finland), Indianapolis (USA), Seoul (South Korea) etc. Once you have finished your challenge list, choose one of the cities and talk about some of the Humanities that are relevant particularly to that city and country. You might have to do some research into what Humanities means, if you are unsure.

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

