



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 your my file area.

Year Group: Year 5 Date: 01.06.2020

AOLE	Challenge
Language Literacy and Communication 	If we were in school our new topic would have been Energy. What do you know about Energy? We use different forms of Energy in our homes, oil, electric, gas, coal, solar power can you think of anymore? We would like you to write a letter to an energy company to ask them for information about the energy which they supply. You could ask things like: Where do they get the energy from? How does it get into our homes? How much does it cost? Is it harmful to the environment? Once you've written your letter in the correct format maybe you could post it to the company to see if you get a reply and they give you the information you asked for.
Health and Wellbeing 	As it's coming up to Sports Day we would like you to create your own obstacle course in the garden. Use things you have around the house or garden. e.g skipping ropes, hula hoops, buckets, balls basically anything you have! Make it as hard/challenging as you'd like. Once you have mastered the course and have improved your speed, could you ask someone to video you completing the challenge and then post the videos on J2e and Twitter. We can't wait to see them! You could challenge yourself and try and improve your speed, be the best that you can be!

AOLE

Expressive Arts



Challenge

Energy Saving Poster: We would like you to create a poster to encourage people to save Energy.

Before you begin, think about what type of energy you would like them to save? What persuasive language are you going to use? Give a few facts about wasting energy and what it is doing to the environment.

Remember to have a catchy slogan and make your poster colourful so that it catches people's attention.

You can complete your poster in any way you wish on paper or on the computer.



Science and Technology



Research:

Use google to do a little research on wind turbines. What do they look like? What do they do? Why are they used?

Can you design and create a wind turbine of your own? Use materials you have in the house, plastic cups, cotton reels, lollipop sticks, straws and be as imaginative as you can.

Once you have completed your wind turbine take it outside to see if it works. Does it rotate in the wind?

Send us a picture on J2e and post on Twitter.



AOLE

Mathematics and Numeracy



Humanities



Challenge

The cost of Electricity is measured in KWh (kilowatts per hour). Do you know how much you are paying? The average price is 14.3p. Take meter readings at different times of the day and work out what appliances use the most electricity. Record your findings in a table. Are you able to create a graph comparing your results?



Having worked out a daily electricity cost, what would be your weekly, monthly, annual cost?



Have a look on comparison websites to see if you can get a cheaper rate/price for your parents? This means a lower KWH price.



Work out the savings for them (what they pay now and what you can save them) and convince them to switch supplier if it's a good deal!



There are many different forms of Energy sources available to us in Wales. Do you know what these are? Can you research the different types of Energy sources and present the information in an appropriate way? You could create a:

- power point
- fact file
- record an advert or news report on what you have found out.



Remember to organise your findings, use sub headings, put them into different categories so that your research is easy to read or listen to, depending on how you choose to present it. Are you able to find any interesting facts? Can you insert pictures?

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

