



Hi Everyone!

We hope you are all getting on well with the work we have been setting - whatever you feel is manageable - it has been fantastic to see photographs of what you have been doing at home and watching video stories and poems from you too. Both of us have been into school over the past two weeks working with the children of keyworkers and it has been lovely to see some of you in person.

For Week Beginning Monday 11th May 2020

For this week we will be focusing on Solar power as a renewable energy. See if you can have a go at any of these ideas.

1. Use a compass (easy to download for free on a tablet or phone) to work out which direction your home faces and if it would be possible to put solar panels onto your roof as a source of renewable energy for your home. Remember the solar panels would need to face the direction which the sun hits - some roofs will not face the correct direction to make this possible.
2. In the garden or safe space outside, measure the temperature in the direct sunlight and the shade. Leave the thermometer out for about 10 minutes to get an accurate reading. What is the difference between the shade and sunlight?
3. Take the temperature at 6 different times spread out across the day. What do you notice about the temperature? When is it hottest and when is it coldest? Perhaps you could create a line graph - x axis being the times of the day and y axis being the temperatures. You could use purple mash and go into '2calculate' to do this, just how we did in class!
4. To find out what colour solar panels should be you could carry out an experiment. Take 4 different pieces of paper and colour them carefully without any gaps. Red, green, black and white. Place a thermometer underneath them one at a time for about 5 minutes. Which paper recorded the highest temperature? What does this tell you? Having carried out the experiment which colour would work best at absorbing heat and therefore be best as a solar panel?
5. Can you make a solar oven?
Watch the youtube video How to make a solar oven*Easy* www.youtube.com/watch?v=UqmguzL7kek
Follow the instructions and have a go.
6. If you make the solar oven, make a film using your tablet, phone or camera to show you cooking with your solar oven and email it to us.

Coding a character to dance!

Mrs Ritchie found this site for last week and we have received some already, which are great! We have left it on in case anybody wants to have a go this week too. This site allows you to have a go at coding a character to dance to a song of your choice! Check it out on this link: <https://code.org/dance>

Additional Learning links

We have also been directed to Barefoot Computing's home learning ideas. The activities focus on 'the fundamental parts of the computing curriculum without the need for screen time'. Have a look to see if there is anything you would like to do with the whole family.

https://www.barefootcomputing.org/homelearning?mc_cid=b8b438bf50&mc_eid=05c1289e16

Maths and English lessons:

<https://www.hamilton-trust.org.uk/blog/learning-home-packs/>

Please follow the link above to access the Hamilton trust website. For Maths and English we are now onto Week 5 for daily Maths and English lessons.

Times tables: A reminder that both Mr Gregory and Mrs Dennis will log on every Thursday at 10am and 3pm to play against the children.

Reading and Writing: Please encourage your child to read for 30 minutes a day and get them to record it in their 'Home School Diary'. Once a book is finished, check to see if they can do a quiz on it on the Accelerated Reader website:

<https://ukhosted73.renlearn.co.uk/1922487> This site can be accessed from 8am to 6pm. Below is also a link for ideas of things you could do after you have finished reading a book.

<https://tungumalatorg.is/enska/projects-b1-b2/book-reading-and-creative-writing/4-after-you-finish-reading-your-book/>

Spag.com: Several quizzes will be ready for you for the week on Monday 11th May.

Spellings: The 5 new spellings for this week are: conscience, conscious, controversy, convenience and correspond. The last 15 were: amateur, ancient, apparent, appreciate, attached, available, average, awkward, bargain, category, cemetery, committee, communicate, community and competition. Remember to practise all 20.

Purple Mash: Several '2do' activities have been set on purple mash. These will expire at the end of this week, however they are all tasks from purple mash that you can access yourself without it needing to be set as a 2do if afterwards you still wish to do them.

Keep safe everyone and keep working hard.

Mrs Dennis and Mr Gregory

Additional writing task request from SLT

As we are approaching the end of the year, it currently looks very different. We would like your child and yourself to write a paragraph each about how they and you think their year has gone. This will then be included in their end of year report as a letter to them. Think about their academic achievements, behaviour, what they've enjoyed and areas for improvement. Please email these to your child's class teacher by Monday 18th May.