Year 5
Remote Learning

Wider Curriculum

Geography

This term, we are looking at Oceans and we would like you to research the world's different oceans: Atlantic, Pacific, Indian, Arctic and Southern, and create quiz cards that could be used to test people at home.

They should feature a multiple choice question on one side with four choices, and a drawing or picture on the other side with the answer. Such categories of questions may be about each of the different oceans, the different levels of the oceans, how oceans affect climate, trade and the oceans, Britain's coastline and climate change's impact on the oceans.

http://www.sciencekids.co.nz/sciencefacts/earth/oceans.html

https://www.ducksters.com/geography/oceans.php

https://www.natgeokids.com/uk/discover/geography/general-geography/ocean-facts/

History

Our historical topic is The Iron Age and the Celts and we would like you to explore the world of Celtic Myths and Legends. The Mabinogion is a collection of stories, based on the myths from the ancient Celts. The Celts did not write their myths and stories down. Instead, bards, or musical storytellers, told the myths over and over in song. The stories were passed from bard to bard. The following link gives you an insight into the world of Celtic mythology.

https://celts.mrdonn.org/myths.html

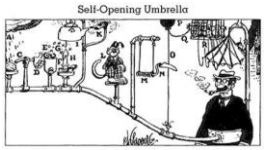
Next week, we will give you a writing task to create your own myth, but this week we want you to do some research and an artistic project.

If you are able to get access to books about Celtic myths from home or from a library that is great. But you can also find them online at sites such as the one above.

Your job this week is to choose one of the Celtic Myths and draw an exciting and detailed picture which captures the most dramatic moment from the story.

Once you have read a few stories, start thinking about what your own Celtic Myth might look like, but don't write it just yet as we have some guidelines for next week's remote learning activity!

Design and Technology



A Rube Goldberg machine, named after American cartoonist Rube Goldberg, is a machine intentionally designed to perform a simple task in an indirect and overly complicated way.

Below is a link to a particularly hilarious example:

https://thekidshouldseethis.com/post/the-lunch-feeder-rube-goldberg-machine

Your job this week is to design your own Rube Goldberg machine for blowing your nose. How could you make it really complicated and silly? What wheels and cogs, buttons and levers could you include?

Design you machine and if you have time create a model replica using junk modelling materials from around the house.

Art and Design

Celtic knots are graphical representations of knots used for decoration by the ancient Celts. Here is a picture of an illuminated letter from a manuscript, showing intricate overlapping knots:

How about trying to draw some simple Celtic knots of your own? Watch the two videos, which show two different methods for drawing the same knot:

https://nrich.maths.org/6809

Science

Friction is a force between two surfaces that are sliding (or trying to slide) across each other. For example, when you try to push a book along the table, friction makes this more difficult.

Go to this website to watch clips about friction:
https://www.bbc.co.uk/bitesize/topics/zsxxsbk/resources/1

Investigation: Conduct an experiment to find out how much force is needed to move a shoe across different surfaces in your home. Take one shoe and place it on a surface (for example, a rug). Place one finger inside the shoe and pull it toward you for about half a metre. Next, repeat these steps on a different surface (floor without a rug or on a different rug). Which felt more difficult to pull? Repeat with other surfaces. The surface that feels most difficult to pull along has the greatest friction with the shoe. To increase the friction, you could put something heavy inside the shoe, but make sure you have the same thing inside it each time you pull the shoe to ensure it is a fair test!

Interesting things to listen to this week:

But Why: A podcast for curious kids
https://www.vpr.org/programs/why-podcast-curious-kids#stream/0

Tumble: A science podcast
http://www.sciencepodcastforkids.com/

Eleanor Amplified: An adventure podcast for the whole family
https://whyy.org/programs/eleanor-amplified/

Rebel Girls – the podcast
https://www.rebelgirls.com/pages/podcast

Jobs to do around the home.

Take advantage of time away from school to learn some new life skills. Make a list of jobs that need doing around the house e.g. hoovering, cleaning the bathroom, dusting, loading the dishwasher, helping to cook the dinner etc.

Create a timetable for yourself which includes doing a different job every day. You can colour code it and draw pictures to remind you which job you are doing and on what day.

Ask someone to take a photo of you doing your jobs as evidence!

Keeping Active

Keeping active and busy whilst inside can prove tricky but it's really important to stay healthy. Can you create a fitness routine for your family to try? It could include jogging on the spot, jumping jacks, burpees or whatever exercise you like. Try to make it last ten minutes with lots of variation in the routines. Write down a schedule and practise being a fitness instructor before asking your family to join in!

Below are some links to online videos to keep you moving!

Disney dance-alongs:
https://www.thisgirlcan.co.uk/activities/disney-workouts/
Indoor activities:
https://www.nhs.uk/change4life/activities/indoor-activities
Accessible Activities:
https://www.nhs.uk/change4life/activities/accessible-activities

Interesting things to watch this week:

Iron Age Britain Animation
https://www.bbc.co.uk/teach/class-clips-video/history-ks2-iron-age-britain-animation/z42d7nb

Blue Planet Live
https://www.bbc.co.uk/teach/class-clips-video/science-ks2-blue-planet-live/zd9y7nb

Homemade musical instruments
https://thekidshouldseethis.com/post/len-solomon-and-his-amazing-diy-musical-contraptions