Mill Rythe Around the World Week 1

Watch the Launch video, you may see a familiar face!: https://youtu.be/YSIeOnqVZs8

Welcome explorers! Over the next 7 weeks, Mill Rythe will be travelling all around the world learning about different continents, countries and cultures! 7 weeks: 7 continents.

The subjects we will cover over the weeks will include geography, history, science, art, DT, music, RE, PE and PSHE in a cross curricular way and they will also aim to cover some of the objectives Year 3, 4 and 5 would have learnt in school. There will also be lots of English links too. Additional challenges for children who want to push themselves, particularly Year 5. Hopefully you will enjoy the adventure!

Day 1 – Monday 1st June 2020 : Getting ready to go!

Step 1 – Prepare your **passport** (you can download a template or make your own) and if you can, print out the **blank countries of the world map** as you can colour the places we visit.

Step 2 – The earth is made up of different climate zones – watch the video: https://youtu.be/pR2_s0dCNn4

Draw a suitcase in your books and write or draw all the items you would take with you on a trip around the world. Remember that some places will be very hot and some very cold. You need to pack a range of clothing and equipment!

Step 3 – Learn the 'Continents of the world' and its Oceans.

Do this by either:

a) Downloading the blank map and labelling the Continents and Oceans.
b) Make your own map of the earth and label the Continents. You can be creative here:

c) Learn the Continents and Oceans song:
https://youtu.be/K6DSMZ8b3LE
https://youtu.be/lQ2V-VgCJgI

Challenge: On your map label the equator, Northern and Southern Hemisphere, The Tropic of Capricorn and the Tropic of Cancer.

FIRST LOCATION CLUE: Where will we be visiting this week?

https://youtu.be/jz-8HFDe6ZA

Day 2 – Tuesday 2nd June 2020 What is Antarctica like? (Geography)

Where am I? https://youtu.be/Cfjn7sKl_rY

Step 1 - Watch the videos to find out about what it is like on Antarctica:
https://www.bbc.co.uk/bitesize/topics/zyhp34j/articles/zjg46v4

Other websites:

https://discoveringantarctica.org.uk/

https://youtu.be/t3StWheKtq8

https://youtu.be/pJdykZRFuqs

Virtual tour - http://shackleton100.com/antarctica/

Step 2 – Find out about the weather and climate in Antarctica.

https://youtu.be/SxwKa5cR3w4

Step 3 – Either:

- Draw a map of Antarctica and write an **information guide** about what it is like there based on the research you did above.
- Film your own Antarctica documentary and pretend you are there, like Richard Attenborough. Tell us all about Antarctica.

Day 3 – Wednesday 3rd June - Ice (Science- States of Matter)

Antarctica is the coldest place on earth and is covered in frozen land and ice. Today you are going to become super scientist to learn more about the wonderful solid ice. Try out some of the investigations below, if you can. Then write about your findings in your book. Take photos of your investigations, we would love to see them!

Investigations:

1) **Can you stop ice melting?**
   - What different materials could you wrap around the ice cubes to stop them melting. You will need several same sized shaped ice cubes and different pieces of material e.g. newspaper, tin foil, fabric, plastic bag. You could time them to see which ones melt the quickest.
   - The material which slows the ice melting is called an insulator. Find out more here:
   - https://www.bbc.co.uk/programmes/p0118n4j
   - https://www.bbc.co.uk/programmes/p0118t8z

2) **Do all liquids freeze?**
   - Experiment by seeing whether different liquids at home freeze e.g. paint, oil, vinegar, fizzy drinks etc. Be creative. You could check in time intervals across a day to see which ones freeze the quickest.

3) **The Great Ice Race**
   - You will need two ice cubes. Pour some salt on one and leave the other one. Watch them both melt – which one melts the fastest? Find out why here: https://youtu.be/lpY-jNQml4s
   - Now have a go at the salt ice trick: https://youtu.be/u9slVq87czg

4) **Balloon Ice cubes**
   - Fill up a balloon with water and freeze. When it is frozen, peel off the balloon and investigate the ice particles. You could sprinkle salt on it and drip food colouring to make ice art or sculptures. https://youtu.be/uOFZR15MyEc

5) **Explore Friction**

What is friction? Find out here:

https://www.bbc.co.uk/bitesize/topics/zsxxsbk/articles/zxqrdxs

https://www.bbc.co.uk/bitesize/clips/z79rkqt

Conduct your own friction experiment at home like this one:
https://youtu.be/9qzMz4g28zA

Day 4 - Thursday 4th June – Antarctic Animals (Geography – Biomes)

Step 1 - Read the information about Antarctic animals.

Step 2 - Find out about the penguins that are found in the Antarctica: https://www.activewild.com/antarctic-penguins/

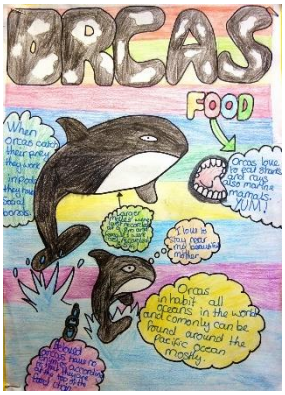
Find out how they keep warm here: https://youtu.be/NIfct__F2s0

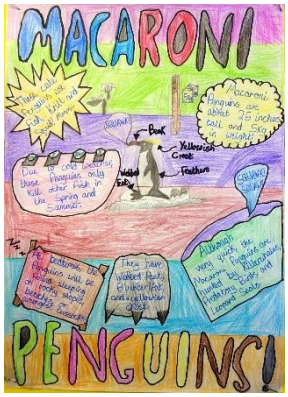
More penguin videos:

https://youtu.be/MfstYSUscBc

Step 3 - Create a poster showing all the different types of animals found in the Antarctica or focus on one type.

Challenge: Add how they have adapted to live there.





Additional Extras: You could also make some of the animals or create some lovely pieces of art:

Toilet roll and plastic bottle penguins

Day 5 - Friday 5th June Famous People (Cultural Capital)

There are lots of famous people linked to Antarctica – many are explorers but they have been some more recent people too.

Choose one of the people below, to research and find out about. Then write about them

You could:

- Write an information page about them
- Write a diary about their achievements
- Write a newspaper article about their achievements

1) **Roald Amundsen - - Explorer**

https://kids.britannica.com/kids/article/Roald-Amundsen/352748

https://kids.kiddle.co/Roald_Amundsen

2) **Robert Scott – Explorer https://kids.kiddle.co/Robert_Falcon_Scott**

3) **Ernest Shackleton – Explorer https://kids.kiddle.co/Ernest_Shackleton**

4) **Lewis Pugh (swam under the Antarctic ice January 2020) https://www.bbc.co.uk/newsround/51233105**

5) **Felicity Aston – Female explorer who became the first woman to cross Antarctica alone on skis.**

http://www.felicityaston.co.uk/about

SECOND LOCATION CLUE: Where will we be visiting this week?

https://youtu.be/BeRMZ3Po4gQ