

Dear Year 6 Parents,

Please see a list of different learning ideas that you can continue with your children at home during the school closure period, in response to Corona virus COVID - 19.

Maths

[https://whiterosemaths.com/resources/schemes-of-learning/primary-sols/-](https://whiterosemaths.com/resources/schemes-of-learning/primary-sols/)

- Select year 6, we are currently learning about Algebra and will shortly be moving on to Angles.
- They will also be releasing video tutorials in the next few weeks and giving free access to more example questions.
- Ratio: Bake a cake and then double the ingredients. Now halve the ingredients.
- **Here is a list of some more very useful websites that your child could visit for further revision and consolidation:**
 - <https://www.educationquizzes.com/ks2/maths/>
 - http://www.icteachers.co.uk/children/children_sats.htm
 - <https://corbettmaths.com/5-a-day/primary/>
 - <http://www.first4maths.co.uk>
 - <https://corbettmaths.com/contents/>

Literacy

- Recap spellings and year 3/ 4 and year 5/6 statutory wordlist.
- Continue to read with your children and use the following questions as prompts:
https://www.literacyshedblog.com/uploads/1/2/5/7/12572836/ks2_reading_vipers.pdf
- Here are a list of age appropriate reading books related to our topic- See Book List document attached
- **Here is a list of some more very useful websites that your child could visit for further revision and consolidation:**
 - <http://www.keystage2literacy.co.uk/spellings-menu.html>
 - <https://www.literacyshed.com/home.html>
 - https://uk.ixl.com/promo?partner=google&campaign=1187&adGroup=Key+Stage+2&gclid=CPPa8teS_8kCFQbnwgodgOIB6A

RE

- The events of Holy Week: Our learning will cover all the events of Holy Week including Good Friday and Easter Sunday. It would be worth drawing a comic strip or storyboard of the events to help them sequence the scripture
- This painting below is titled: Jesus is our bridge to Heaven



- Discuss...
 - What do you like about this painting?
 - What do you dislike?
 - What do you notice about Jesus?
 - What else do you see in the painting?
 - Would you do anything differently?
 - What colours have been used and why?
- We would like you to carefully reproduce this painting on A4 paper.

Science

- Watch Blue Planet
- Make notes about how creatures and plants have adapted for survival in this extreme environment (focus on the Arctic and Antarctic- similarities and differences)
- Select an adaptation from their observations and find out more about it. Think about the challenges of this living thing if it were to live in another region/biome/ecosystem
- Create a PowerPoint/ poster presentation of their findings (could use drawings, labelled diagrams, keys, bar charts and tables)
- Create a food web for both the Arctic and Antarctic- Explain how the organisms are linked (can you use keywords such as predator, prey, consumer, producer, carnivore, omnivore and herbivore)

Art and Design

Activity 1

- Look at pictures of living things that live in the Arctic/Antarctic and sketch them.
- You could then model them using clay/ play dough/ salt dough.
- Design your own creature that could live in a frozen kingdom. What adaptations does it have that enables it to successfully survive and live?

Activity 2

- Can you design an effective shelter in which somebody could survive and live in whilst exploring the Arctic or Antarctic?
- How would this shelter differ if it were in a different biome?
- Make your own igloo using Paper Mache <https://www.youtube.com/watch?v=BtSLmk-P3yw>

Activity 3

- Look at and research different photographs of ice from around the world. How does it differ? How does sunlight effect the colour? Could they make their own blocks of ice (freeze water in a balloon) and take photographs to see how the ice is different. Break the block, is the inside of the ice block different in colour or transparency?
- Make a 3-D model of an iceberg.
- Look at paintings and photographs of the Northern Lights. Use chalk to create their own pictures of the auroras.
- Look at Inuit artwork- can they create a piece of artwork related to something in a frozen kingdom in the same style?

History

- Research the Titanic- look at conditions aboard the ship and how it was different.
- Research the timeline of Polar Exploration- can you create a timeline either on paper or on the computer showing the chronological order of events.
- Find out about Ernest Shackleton and create a PowerPoint about him and his explorations.
- Investigate the engineers that were on board the Titanic and what their role on board the ship was.

Geography

- Find both the Polar Regions on the map.
- Locate the Northern and Southern Hemispheres and key lines of latitude and longitude, such as the equator and Prime Meridian. Locate the Arctic Circle at 66.5° North (66.5°N) and the Antarctic Circle at 66.5° South (66.5°S) and discuss any similarities and differences between their locations.
- Compare the climates by looking at factors including maximum and minimum levels of precipitation and average monthly temperatures. Write a short case study explaining this. Can they present the data using line graphs or bar charts?
- Design/draw and label an eco-friendly city. What renewable energy sources can you use? Can you make a persuasive brochure or leaflet telling me why I should come and live in your brand new eco-city. (can you draw a map of your city using the correct map symbols?)

Computing

- Use software such as Movie Maker (free app to download) to create a promotional video about the Arctic and Antarctic.

- Purplemash- your child should have their own login
- Add a title page and credits (noting the origin of any online clips they use), transitions, narration, sound effects and music as appropriate.
- Online Safety: <https://content.lgfl.org.uk/secure/ouronlineworld/>

PE

- Design an effective 30 minute workout program that would be suitable to improve the fitness of another Y6 child.
- Choreograph your own dance routine that you could perform on Strictly Come Dancing
- Create a leaflet about your favourite sport persuading others why they should take up the sport as a hobby too.