

We're nearly there Class 11!

Thank you all for the research tasks you've sent through. I've learnt a lot already. Did you know that the Ruby Throated Hummingbird eats enough to become double its own weight before flying 800km north to the United States. The Arctic Tern has the longest migration path (90,000 km) of any animal and before they all begin flying together, the whole colony becomes silent before they take off, this is called The Dread. And the Royal Albatross can spend up to three years without touching the ground! It is thought the Gnu (Wildebeest) follow the smell of rain to navigate their migration and Great White Sharks are said to navigate across the Eastern Pacific Ocean by sensing the Earth's magnetic field.

It is quite humbling to think that these animals have been making these epic journeys for millennia, navigating with intuitive knowledge that supports the survival of their species. We should ask ourselves the extent in which humans are impacting the natural, ancient cycles of these animals. Jasmena's report on the Green Sea Turtle shared that their population numbers have decreased by as much as 90% in the last 50 years due to climate change, habitat loss, pollution and disease.

And these animals continue their journeys while most human migration has come to a halt this year! 2020, how all our worlds have changed! It seems that they have expanded and at the same time shrunk through our periods of isolation.

Enjoy the rain, don't get bogged! Lou

1. Begin by correcting your answer to Monday's quiz. Apple is endeavouring to become carbon neutral!
2. How 2020 Remapped Your World.

Class 11, please head to this Bloomberg site, watch the video and make your way through the examples of how people around the world have mapped their time in isolation.

<https://www.bloomberg.com/features/2020-coronavirus-lockdown-neighborhood-maps/>

On the next blank page in your ML book I would like you to put the title: **How 2020 Remapped My World.**

Using inspiration from the Bloomberg site, please creatively 'map' your world in lockdown. Convey how you move around your bedroom or house, or the route you take on your walks every day? What features are within 5 km of your home? You may use other mediums if you desire (maybe check in with me first).

3. Let us continue our work with map projections:

In the VOX video I asked you to watch we learnt that the eternal dilemma of map makers is that the surface of a sphere cannot be represented as a plane without some sort of distortion.

Please click on the power point I have made on map projections to find out more..

Make sure you have completed in detail your writing on the Mercator's projection from yesterday plus a labelled picture of the Greenland/Africa size comparison. There is no further book work on mapping projections today.

Tomorrow we will look at the exciting Authagraph Map and also the history of GPS.