

# Home Learning Topic Challenges

## Extinct and Endangered!

### Year 4 Summer 1

#### Challenge 1

Create, plan and design a new species that could have been alive in the Ice Age. What features would it have to help it survive in this habitat. How would they travel through the snow? What would they eat? How would they catch their prey? Do they live on the snow or in the water? How do they keep warm?

Now have a go at designing a brand new habitat and some animals, plants or species that could survive there. Explain why they would live so well in your new habitat.



#### Challenge 3

Design and produce a poster that looks at different habitats that you might find on the Isle of Man. What kind of animals and plants do you find there? What makes them different to other habitats?

Here is a useful website:

<https://www.manxwt.org.uk/wildlife/habitat-explorer>

Can you think of any habitats that are not on the Isle of Man? Why do you think this is?



#### Literacy Challenge

Have a go at planning and writing your own story about going on an excursion and exploring or discovering a new environment or habitat. Think about creating a new creature that your main character would meet there. What happens to them? Is your story left on cliffhanger? Think about creating your own 'Writer's Tool Kit' before you start and see if you can include all of the 'tools' in your story.

#### Challenge 4

Watch some live footage of animals around the world using the website <https://explore.org/livecams> What are you curious about? While watching the animals, write down any questions that you wonder about them (e.g. what are they eating? What is that birds nest made of?) Then research to find the answers to your questions. Or maybe you could do commentary to go with the footage you are watching

#### Challenge 2

How many right-angles can you find around your house. Draw the object or take a photo of it and then label where the right angle is. Can you find any objects with obtuse or acute angles?

You need to guide an archeologist to find the hidden dinosaurs fossils on an island. Draw a map on squared paper (available at school) and plot directions from his/her base to the different 'dig sites' on the island. Use words such as, North, South, East, West, 90/360degree turn, clockwise/anticlockwise



#### Maths Challenge

Create your own 'Endangered and Extinct' Maths board game to play with your family. Choose a maths theme e.g. times tables and division facts, doubling and halving numbers, quick addition and subtraction. Your board games could be; made on paper, like a card game, made on a device or maybe even it could be a giant board game in the garden like an obstacle course!