

# Home Learning Ideas!



**These activities are ideas for things for you to try at home. You can do all of them, choose the ones that you find most interesting or invent your own. Have fun!**

## Race to the Poles!

Find out about the achievements and stories of the most influential and inspiring polar explorers, e.g. Sir Ernest Shackleton, Roald Amundsen and Robert Falcon Scott. How did they travel? What did they wear? What happened to each expedition? Who were the first to reach the Poles? Report back on your discoveries, make a true or false quiz or try mapping their routes. What else can you find out?



## Polar Research

- Choose one of the world's polar regions and create a presentation all about it to show your class. You could use PowerPoint if you like. Don't forget to include lots of interesting pictures and information!

## Polar Explorers

- Make a model of your favourite Arctic animal using clay, dough or recycled materials.
- Design a pair of snow boots for an Arctic explorer. What materials and features could they have? Let your imagination run wild!

Imagine a common UK pet became an Arctic or Antarctic animal. How would it have to adapt to survive there? Longer, thicker hair? Bigger teeth? What else? Rename your animal with a more exciting 'polar' name!



## All Aboard

There were 2200 people on the Titanic on her maiden voyage, with 324 passengers in First Class, 285 in Second, 709 in Third and 908 crew members. What can you find out about any of the passengers? What was life like on this luxury ship? What did they have for tea? You could write a biography, make a fact file, research and invent Titanic menus or find out what life was like on board for passengers in the different classes.



## Word Quest

Use a dictionary to make your own Frozen Kingdoms glossary with definitions. Here are a few words to get you started:

biome  
boreal forest  
deforestation  
fossil fuel  
Inuit  
tundra

Make a whole list and create a word search.



# Home Learning Ideas!



Let it snow,  
Let it snow,  
Let it snow...

There are lots of songs that feature snow or ice. Find some you like and share with the class for us to sing. Here are a couple to get you started:  
*Let it Snow, Let it Snow*  
*Let it Snow* by Dean Martin  
*Cold Heart* by Elton John

## Make Your Own Discoveries

What else can you find out about the Arctic, Antarctic, life in the polar ice caps, expeditions or the Titanic?



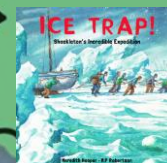
## Mind That Iceberg!

- Make a model of the Titanic.
- Construct tin foil boats and see which is the sturdiest. Use marbles or coins to see which can hold the most weight.
- Explore buoyancy and how it relates to the Titanic by making boats from a ball of play dough to make it float rather than sink. Freeze a large balloon filled with water. Watch it bob in water to see how much of an iceberg sits underwater and why the visible tip of the iceberg is not what caused so much damage. Try several sizes of balloons.
- Put small metal items in a bowl with regular water and salt water and see how quickly they rust. Imagine what would happen to the Titanic after 100 years.

## Good Reads



Join the library if you're not a member already. You can borrow books for free!



## Frozen Fish

Create polar landscapes or collage fish in the style of Ted Harrison and Olivia Pilling.

Use some snowy images to create a polar collage with lots of interesting textures, shapes, colours and patterns.



## Snowflakes

Snow, ice and winter have inspired many famous poets. Find some poems you like and share them with your class. Try and learn one. Write your own poem inspired by snow or ice, a polar animal or even the Titanic. You could try a haiku, acrostic or a calligram.



## Iced Gems

Make 'iced gems' by mixing powder paints and dyes into water, in an array of colours. Pour into an ice cube tray and freeze overnight. Pop the cubes out and explore your iced jewels. What happens if you sprinkle salt on the cubes?



## Share with us at school

We'd love to hear about your learning at home. We look forward to you sharing with us. Don't forget you can send things on Seesaw too!