

Nice n' Icy

Time: 1 hour

Introduction This activity introduces children to the process of ice formation that takes place every year in the seas around Antarctica and leads to the continent doubling in size during the winter months.

Learning Objective:

To understand how ice forms and how the sea freezes over around Antarctica during winter.

Resources:

1. Icy Information sheet (available on www.2041.com)
 2. Images of different types of ice from Google Images.
- A good website to reference is www.aspect.aq/img_lib/

- 1 Ask the children to read through the icy information sheet or other books / websites on how ice forms around Antarctica in winter, and then look at what the different stages of the ice formation look like using Google Images.
- 2 Once the children have read through the sheet and other materials, ask them to draw out the key facts in their own words and present them in a poster or leaflet. They can do this as a step by step guide to the formation of ice around Antarctica, using drawings to illustrate their work.
- 3 They can present this work as a poster or leaflet using cool blue colours or cool blue paper and trying out handwriting or text fonts with spiky lettering to capture the cold. They could also use icy images from magazines or websites to enhance the presentation.
- 4 Give quality time to discussing and planning out what the design will look like.
- 5 Once the design is complete, the children could add some snowflakes to the design to give it an icy effect. There are lots to choose from if you do a Google Images search and type in the word 'snowflakes'.

Differentiation

By outcome.

Success Criteria

The children develop a cool understanding of the ice of Antarctica, how it forms and how it affects the Antarctic landscape.

