

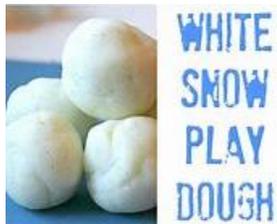
Ice Encounters – Where in the world would you find ice?

Subject Specific Vocabulary			Sticky Knowledge about the Arctic and Antarctic.
Arctic	relating to the regions around the North Pole	After the Christmas Holidays, we will be learning all about the Antarctic and the Arctic, their climates and what lives there. We have included some information that you may like to share with your child, as well as some suggested activities.	The Arctic changes size depending on the season.
Antarctic	relating to the south polar region or Antarctica.		The Arctic has no land mass. It is a floating sheet of ice.
Snow	atmospheric water vapour frozen into ice crystals and falling in light white flakes or lying on the ground as a white layer.	<p>Merry Christmas!</p> <p>Brain Teaser.....</p> <p>What is this picture of? How is it linked to the Arctic and Antarctic?</p> 	Polar bears are an aquatic mammal, who spend most of their time in the sea.
Ice	frozen water, a brittle transparent crystalline solid.		The name 'Antarctica' comes from a Greek word meaning 'opposite to the north'
Iceberg	a large floating mass of ice detached from a glacier or ice sheet and carried out to sea.		Antarctica has such little rain, it is considered to be a desert.
Glacier	a slowly moving mass or river of ice formed by the accumulation and compaction of snow on mountains or near the poles.		Around 90% of the ice on Earth is found in Antarctica

Can you make a polar bear handprint picture?



Can you use white playdoh to make a snowball? Practise rolling the dough into a ball, squeezing it and rolling it again.



Freeze an animal (seal, polar bear, penguin etc.) into some ice. How can you rescue the animal? What is the quickest way?



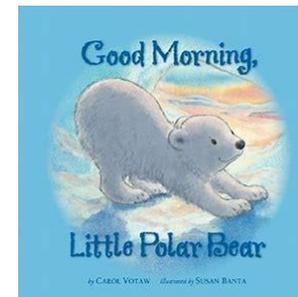
Create an igloo. Who lives in the igloo? What can you find out about them?



Arctic and Antarctic Activities

You may want to choose a couple of the activities to complete.

Find a story set in the Arctic or Antarctic to read. What was your favourite part of the story? What did you notice about the characters?



Use/make some playdoh. What Arctic/Antarctic animals can you make with your dough?



Use mini marshmallows and a peg. Can the children pick up and move the marshmallows and release them. Roll a dice. Can the children pick up the correct amount of marshmallows.



Fill a tray with flour/salt and glitter. Can the children use their fingers to write their name? What patterns can they draw? Can they represent any numbers?

