

Tarawhatu Antarctica Inquiry Term 3 2019

Week	Learning Outcomes	Resources
Week One	<p>TUESDAY</p> <ul style="list-style-type: none"> - Introduce Topic of Antarctica by 'whiting out' the classroom. - Time to explore unpack prior knowledge <ul style="list-style-type: none"> - What do we already know? - What do we want to know? - Wondering window (window pens??) - Word window - Penguin/something message from Antarctica <p>WEDNESDAY</p> <ul style="list-style-type: none"> - Bus Stop activity images???? - Snow made out of conditioner/baking soda science experiment?? - Captivation Table?? <p>THURSDAY</p> <p>FRIDAY</p>	<p>Pretend Snow https://www.kidsplayandcreate.com/pretend-fake-snow-recipes-for-kids-how-to-make-snow-paint-snow-clay-for-kids/</p>
Week Two	<p>Tuesday</p> <ul style="list-style-type: none"> - I know/ think/ wonder about Antarctica <p>Thursday</p> <ul style="list-style-type: none"> - What questions/ wonderings do we have about Antarctica? What do we want to learn more about? 	
Week Three	<p>Monday</p> <ul style="list-style-type: none"> - Penguin feathers water repellent science experiment (for writing) - Wednesday - Learning facts about different types of penguins (for writing) 	
Week Four	<p>Tuesday- Making snow science experiment</p> <p>Wednesday- Design an igloo (STEM experiment) in small groups</p> <p>Resources: paper, newspaper, PVA glue, gluesticks, sellotape, cotton balls</p>	
Week Five	No inquiry due to production practise	
Week Six	No inquiry due to production practice	
Week Seven	<p>Ice Melting experiment- how long does it take regular ice to melt vs ice with salt on it. What can we notice about the way it melts?</p> <p>Huskies Fact Sheet- Friday</p> <p>Observational Writing</p>	

	https://www.twinkl.co.nz/resource/t-t-4852-antarctic-animals-factfile-sheets Animal Fact File game or challenge	
Week Eight	Antarctica quiz Antarctica Passport	
Week Nine	Blubber experiment Making snowflake (art) Antarctic Centre Trip	
Week Ten	Antarctic Animals and Sounds (quiz) Antarctica Penguin Art (Pets Day Art)	

Ideas:

White out classroom

- Tent, teepee, tunnel,
- Animal images
- Pillow fluff
- Jackets, scarfs, beanie
- Snow machine
- Icicles on windows
- Antarctica sea with plants and animals in sink (plus icebergs?)
- Captivation table
- Ice/ snow/ mountain images on walls
- Antarctic fieldtrip timetable or info from new animal on back of whiteboard
- White painted broken icecubes on ground

Winter day- dark day, torches

Penguin who appears from antarctica with note, crash landing, brought all the winter from antarctica

ChILL stations for independent learning- mainly reading time

Wonder window

Word window- meaning

Snow borders

Laminating pouch capture table

SCAMPER activities

SCAMPER is a mnemonic that stands for:

- Substitute.
- Combine.

- Adapt.
- Modify.
- Put to another use.
- Eliminate.
- Reverse.

Antarctica Ideas

Weathers

- snow machines
- hours of daylight

Ecosystems

- animals

Machinery

- captivation table
- caterpillar tracks
- transport (planes)

Animals

- penguins

Antarctic

Ice (Science)

- Tray of ice bergs
- heat melting
- how its made
- experiments

No Wastage (poop)

Antarctica

Know	Think	Wonder- I wonder why...
<ul style="list-style-type: none"> - Penguins live there - There is ice - You can cut a hole in the ice and go fishing there to survive - Penguins eat fish - There are seals walruses - There are elephant seals 	<ul style="list-style-type: none"> - There are igloos - There are tree there - There are humpback whales - There are caves - Volcanoes - Fish live there - Triangle fish 	<ul style="list-style-type: none"> - Why polar bears dont live there - Penguins live there - The boots are so big (shoes) - Fish live there - What igloos look like - People go there

<ul style="list-style-type: none">- Scientists work there- Some people have boats that go to antarctica- There are people that live there- working being scientists- There are bowhead whales- There are icebergs- There is water- It is very cold there- The water is very deep- There is lots of snow	<ul style="list-style-type: none">- Sharks live there- Arctic wolves live there- There are habitats- Huskys live there- Nar whales?- Snow dogs- Snow mobiles- There are houses- Whale sharks-	<ul style="list-style-type: none">- How cold it is- People do science there- Who was the first person there- Why they have to wear so many clothes- Is it so cold- Antarctica is at the bottom of the world- Antarctica was made and when it was made- The arctic is at the top of the world- There are lots of penguins there- How many penguins live there- There are igloos there- Antarctica is so far away- There is so much snow- People go there- If huskys run fast
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