

Inquiry Ideas for Term 4

Big Ideas:

How Antarctica is different from other places on the planet and why does Antarctica Matter (climate change)?

So what?

Presentation ideas: Movie; book creator; diorama; play/drama; poster; making a terrarium

1. Classroom Antarctica

Brr a Polar Climate

<https://classroom.antarctica.gov.au/subjects/geography/brr-a-polar-climate>

- Geography and maths
- Comparing different climates
- Weather patterns
- Experiments: *How cold is cold*
- Maths: Temperature, data collection, graph.

2. Classroom Antarctica

Natural resources and waste management

<https://classroom.antarctica.gov.au/years/3/natural-resources-and-waste-management>

- Geography
- Natural resources - Antarctic Treaty surrounding Antarctic
- Survival in Antarctica

3. NASA Climate Kids

[Glaciers:](#)

[What is global climate change?](#)

[Story of fossil fuels](#)

[Earth in a minute videos](#)

| Week | Overview | Description |
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| 1 | Captivator ideas: | Science Experiments: |

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| | <p>Idea 1: Science experiment rotation (3 experiments - 3 teachers 1 roving)</p> | <ol style="list-style-type: none"> 1. Melting Ice Experiment - Jade 2. experiment on differing levels of ice melt on sea/land - Franco 3. Deforestation and Soil - clean running water 4. effect of icebergs melting on water/sea Level Karen 5. Why is the equator warmer than the poles? Karen J |
| 2 | <p>Monday: Pre activities for Antarctic trip <i>What would you take to Antarctica? (Survival)</i> OR Andrew Harper Workshop</p> <p>Wednesday: Pre activities for Antarctic trip</p> <p>Thursday: Antarctic Centre (Week 2 Thursday 24th October)</p> | <p>Activities:</p> |
| 3 | <p>Monday: Labour Day</p> <p>Wednesday: Lincoln Library - Lego (Pingao) Toetoe Wonderings around Antarctica....</p> <p>Thursday: Lincoln Library - Lego (Toetoe) Pingao Wonderings around Antarctica....</p> | |

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| | Explore Antarctica Activities https://classroom.antarctica.gov.au/years/3/natural-resources-and-waste-management | |
| 4 | Monday: Wednesday: Thursday: | |