

ICEBERG! RIGHT AHEAD!

- EARTH & BEYOND -



CURRICULUM AREA: Science

TARGET YEAR LEVEL/S: Years 5 – 7

CLASS TIME: 60 minutes

LESSON BACKGROUND

Chris & Clark traveled across vast masses of icy water, encountering sea ice and icebergs. In this lesson, students will learn about how an iceberg is created.

OUTCOMES

- Students understand how the physical environment on Earth and its position in the universe impact on the way we live.

PREPARATION

- A3 paper
- Prior knowledge of properties of ICE.
- Iceberg cycle: <http://science.howstuffworks.com/iceberg2.htm>
- Prior knowledge of the iceberg cycle

STUDENT ACTIVITY

- 1) Reflect on what student know of ice (made of water, freeze point)
- 2) Ask students what they know already of icebergs. What is an iceberg made of?
- 3) Discuss with students HOW an iceberg is formed.
 - Using the Iceberg cycle, use the class students to play out the cycle as a drama.
 - Once this has been done a few times, ask students to go back to their seats and using their A3 pieces of paper, draw out in image representation the Iceberg cycle.
- 4) Their drawing of the cycle can be used as the evidence that they understand what was taught.

EXTENSION

- Students can investigate the formation of GLACIERS.
- Students can investigate the properties and formation of sea ice, and how it compares to the properties of icebergs.
- See also - Iceberg Creation... another lesson on Icebergs.