

# Fierce Earth – World's Coldest Places

**ABC ME screening details:** Tuesday 12 May, 2020 at 12:45pm

This episode can also be viewed on [ABC iView](#) after the scheduled screening time.

**Key learning areas:** Mathematics and Geography

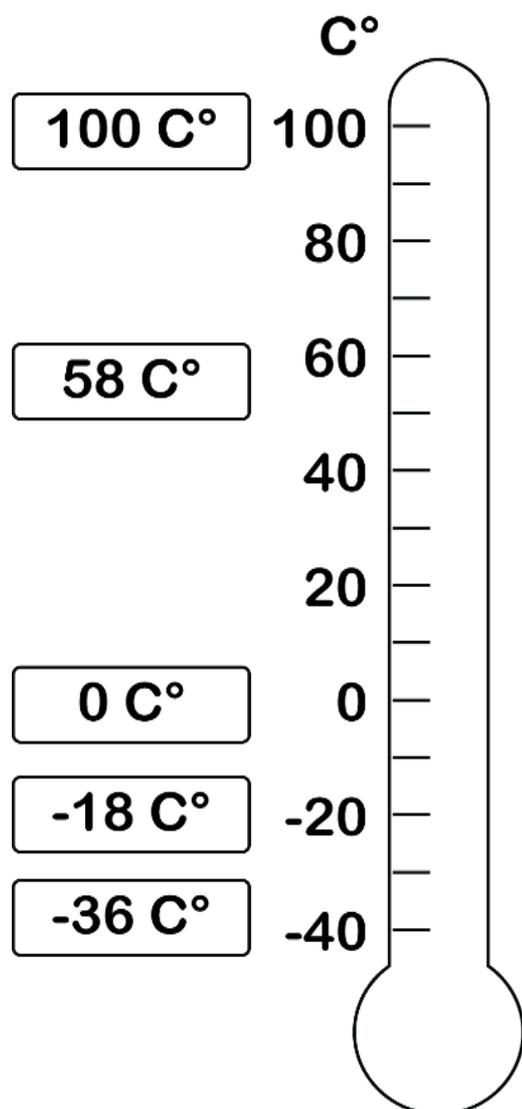
**Level:** Levels 3-6

**About:** This Fierce Earth special takes viewers on a journey to one of the world's coldest and most hostile places on the planet - the Yukon Territory in Canada.

## Before the episode

1. Draw lines or colour to match the descriptions to the temperatures next to the thermometer.

Descriptions
The temperature inside your freezer.
A very cold day in Yukon, Canada.
The temperature at which water boils. Often called its "boiling point".
The hottest temperature on Earth was recorded in El Azizia, Libya in 1922.
The temperature at which water freezes. Often called its "freezing point".





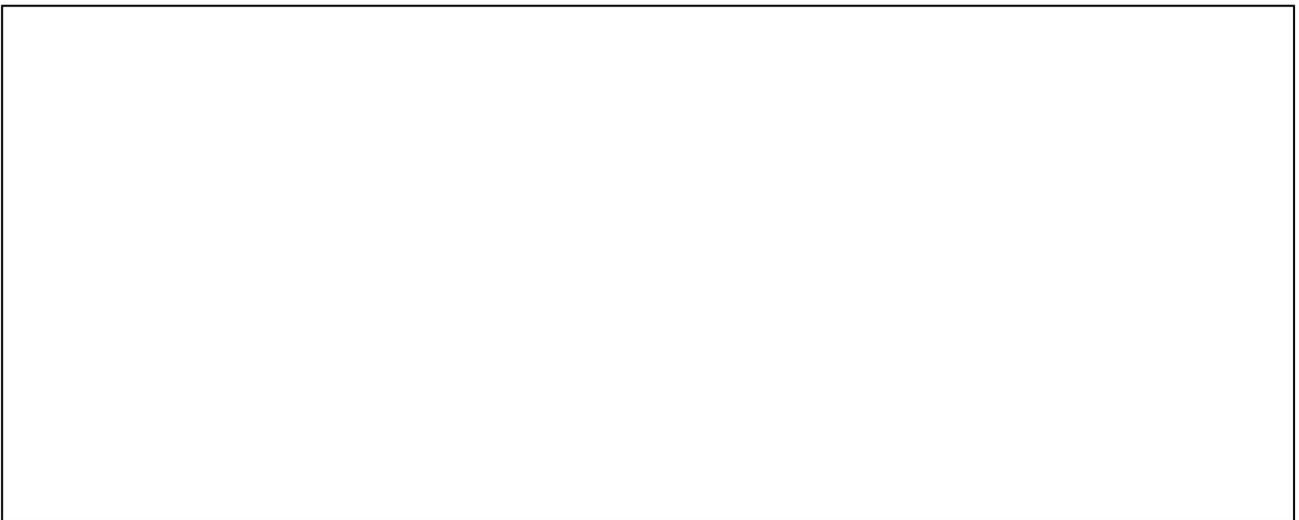
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## After the episode

1. Sketch and label a drawing of the landscapes of Yukon, Canada from this episode. What were some of the natural and human features you observed?



2. How important are animals for surviving in a place like Yukon, Canada? Write or draw some examples of how animals were used by humans to survive in this episode.



**Follow-up activity:** Write a short story or create a comic about a character who is forced to survive in the wilderness of Yukon, Canada. How does this character become stranded? What dangers do they face in the wild? What techniques will they use to survive?

# Teacher notes

This resource contains self-directed learning activities that students can complete while learning at home or in the classroom. The activities align with the Victorian Curriculum F-10 and can be modified to meet the needs of your students. Teachers could collect student work for feedback and assessment.

## Learning intentions

- To identify temperature as a measure of how hot or cold something is.
- To identify the natural and human features of a cold environment.
- To consider how animals are used by humans to survive in extreme environments.

## Victorian Curriculum content descriptions

Levels 3 and 4		Levels 5 and 6
Measurement and Geometry	Use scaled instruments to measure and compare lengths, masses, capacities and temperatures ( <a href="#">VCMMG165</a> )	
Geography	Main climates of the world and the similarities and differences between the climates of different places ( <a href="#">VCGGK081</a> ) Identify and describe the characteristics of places in different locations at a range of scales ( <a href="#">VCGGC071</a> )	Describe and explain the diverse characteristics of places in different locations from local to global scales ( <a href="#">VCGGC085</a> )

## Victorian Curriculum achievement standards

Levels 3 and 4		Levels 5 and 6
Mathematics	Students use scaled instruments to measure length, angle, area, mass, capacity and temperature of shapes and objects.	
Geography	Students identify and describe spatial characteristics, and the characteristics of places and environments at a range of scales.	Students describe and explain spatial characteristics and characteristics of places from local to global scales.

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