

## Morning Starters: Autumn 2 - Climate Change

### Word Challenge

**Write a synonym for each word underlined in the 'Did you know?' paragraph.**


**Help:** A synonym is a word that has the same or a similar meaning to another word.

### Did You Know?

The Arctic is warming twice as fast as the rest of the world, causing ice to melt and sea levels to rise. This threatens animals like polar bears, penguins and seals, while melting permafrost releases gases that worsen climate change. These changes also disrupt weather patterns, making storms and heatwaves more extreme, affecting people and nature everywhere.

**Where in the world is the Arctic** Click the 

### Grammar Challenge

Click text to edit 

**Use direct speech to write a conversation between two of the penguins in the photograph.**

**Example:**

“I wish the humans could see what’s happening here.”

“I agree. Maybe then they’d understand how urgent it is to protect our home.”



Credit: BBC One - Frozen Planet II

### Number Challenge

In the Arctic, a rectangular piece of sea ice had an area of 240 square metres.

**What could the possible length and width of this ice sheet be?**

**Example:**

**Length:** 24 metres **Width:** 10 metres

### Critical Thinking



**How might the message above relate to climate change?**