

HOW DO PENGUINS STAY WARM?



You'll need

200g Lard
Latex gloves
Ice
Water
Medium sized container
Stop watch



Instructions

Half fill the container with water and ice.

Place a latex glove on both hands.

Cover one glove with lard.

Place both hands in the icy water.

Which hand feels cold first?

The lard acts as an insulator protecting your hands from the cold of the icy water, just like penguin blubber!

Which hand felt cold first?

Hand covered in lard

Hand not covered in lard

Challenge

Find out why penguin's feet don't freeze.

Penguins have a thick layer of blubber and thick feathers to help keep them warm.

Science Sparks™

Adult supervision required. You are responsible for your own safety.

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