



Blubber Glove Experiment



Find out how effective blubber is at keeping marine mammals warm!



You will need:

- 1 bowl of water and ice
- 1 pack of lard
- 2 small plastic bags

The blubber glove experiment:

1. You firstly need to make your blubber glove. Fill one small plastic bag with lard. Then put your hand inside the second bag, and put this inside the bag of lard. Mould the lard around your hand. You now have your blubber glove!
2. Place one hand in the blubber glove and into a bowl of ice
3. Place your other hand in the bowl of ice (without the blubber glove)
4. Which hand can you keep in the ice the longest? The hand with the blubber glove or the hand without the blubber glove?
5. Can you feel the cold at all through the blubber glove? Can you feel a difference in temperature between both of your hands? That's how effective blubber is! The lard acts like the blubber, keeping animals, such as whales, seals and polar bears warm in freezing cold water!
6. Fill in the table below by circling the answers.



| | |
|---|---|
| <p>How did your bare hand feel in the icy water?</p> <div> COLD</div> <div> WARM</div> | <p>How did your hand feel in the blubber club?</p> <div> COLD</div> <div> WARM</div> |
| <p>Could you keep your bare hand in the water for a long time?</p> <div></div> | <p>Could you keep your hand in the icy water for a long time with the blubber glove?</p> <div></div> |

Well done for completing the blubber glove challenge! Now you can go and warm up your hands!