SCIENCE · HEAT AND TEMPERATURE · GRADES 3–5

Keep It Cold Challenge

Wrap ice cubes in foil, cloth, newspaper and nothing, check them every 15 minutes and find the best insulator.



Name: _____ **Date:** _____

An insulator slows down heat. Wrap four same-size ice cubes: one in foil, one in a sock, one in newspaper and one in nothing. Put them on plates in the same warm spot and check every 15 minutes.

I predict the ice cube that lasts longest will be wrapped in _____

Write: solid, half melted or all water.

Time	Foil	Sock	Newspaper	Nothing
Start				
15 min				
30 min				
45 min				
60 min				

Which was the best insulator? How could you use it to keep your lunch cold?

_____

_____

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