

**Why are
the oceans
warming up
so much?**

try this simple experiment!



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What to do

- 1 Find two drinking glasses the same size.
- 2 Fill one with tap water.
- 3 Leave the other one empty.
- 4 Put both glasses in the refrigerator for 15 minutes.
- 5 When you remove them, feel the outside of each glass.
- 6 Which glass is warmer?

The glass with the water is warmer because water holds onto heat longer than air. The air in the glass loses heat faster so it is colder when you take it out of the refrigerator. The warmer oceans get in the summer, the warmer they are in the winter because they keep a lot of their heat. Oceans change temperatures more slowly than land or air. Why is this a worry for global warming?



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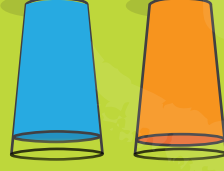
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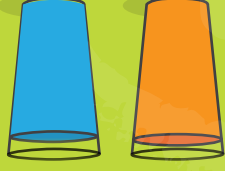
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