

## MAKE A GLACIER!

Some glaciers move at a snail's pace, while others advance more than a **HUNDRED** feet a day!

- 1 Freeze a cake pan with water in it.
- 2 Remove the ice by running water on the underside of the pan.
- 3 Put the ice block back in the freezer on the wire shelf.
- 4 Put something heavy on top of the ice.

How did the bottom of the ice change?

When the pressure builds up on the bottom layer, the ice melts and becomes the shape of what is below.

*some glaciers  
move at my pace!*



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**DID YOU ?  
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**GLACIERS...**

10% of land area is covered  
by glaciers.

**THEY'RE OLD**

The Antarctic ice sheet has  
been in existence for 40  
million years.

**THEY'RE STRONG**

As they move, glaciers can  
widen and deepen valleys,  
flatten forests and grind  
boulders into pebbles.

**THEY'RE COLD**

99% of glacial ice is located  
in the Arctic & Antarctic.

[creis.ku.edu](http://creis.ku.edu)



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