

# 201 The Slow-moving Glacier



Demonstrate the movement of a glacier using a block of ice as a model.

## STEPS

1. The first step is to make miniature glaciers.
2. Fill the zip-lock bags with water. Do not fill them right to the top, otherwise they will burst while freezing.
3. Before zip locking the bag add some twigs and pebbles.
4. Zip lock the bag, and put it into the freezer. Leave it there overnight or until the water is frozen.
5. Once it is frozen, remove the bag by simply ripping the plastic off. You have just made your very own, miniature glacier.
6. Go outside and find an asphalt or concrete area that has a slight decline.
7. Push down on the ice block and watch it move slowly forward as it melts.
8. Make note of the debris left behind. Real glaciers change Earth's crust in much the same way, but on a much bigger scale.

## Materials

- medium-sized zip-lock bags
- handful of pebbles
- handful of twigs
- water
- freezer

## Did You Know?

Every continent on Earth has glaciers, except Australia. Australia did have glaciers thousands of years ago, but with the onset of global warming they all melted away in much the same way as your miniature glacier!

