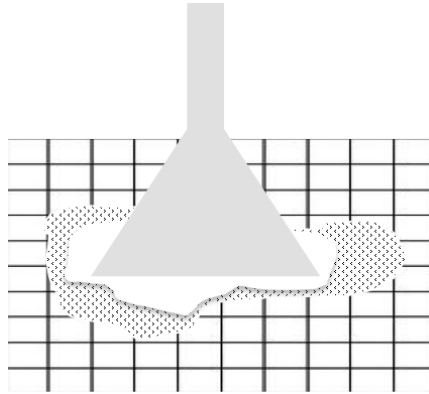


## Volcanoes Build the Land

Find out how a model volcano gets bigger.

### You need

Goggles  
Funnel  
Baking soda  
Vinegar  
Pipette  
Clay  
Grid paper in plastic sleeve  
Dry erase marker  
Paper towels



### What to do:

1. Put on your goggles!
2. Place 1 spoonful of baking soda in the center of the grid paper.
3. Put the funnel down over the baking soda. Hold it down tight.
4. Use the pipette to drop vinegar into the funnel.
5. Observe how the mixture and spreads around the base of the funnel.
6. Use the dry erase marker to draw a line on the grid paper that traces the edges of the spill.
7. Pick up the funnel and blot up the spill carefully with paper towels. Do not erase the shape you drew.
8. Press down a thin layer of clay to fill the shape you outlined.
9. Place the funnel on top of the clay.
10. Create another eruption.
11. Trace the edges of the new spill with marker.
12. Remove the funnel and flatten clay over the new spill.

### Discuss

What happens each time the volcano erupts?

How does a volcano build up new land?

Where does the melted material erupting from a volcano come from?