

Which one  
will you try  
first?

Hypocentrum

Subduction

Fragmentation

Clouds

Orogeny

Hot spot

Orthogneiss

Tornado

## EXPERIMENT THEMES

1. How are volcanic calderas formed?
2. Why do some volcanoes erupt but only lava flows from others?
3. How does magma rise through the Earth's crust?
4. How does the Earth transfer heat from its core to its surface?
5. Why does the seafloor spread?
6. Why do some volcanic centres migrate over the Earth's surface?
7. Why are mountains folded?
8. How are rift valleys formed?
9. Why are some rocks folded?
10. Why does the earth beneath your feet liquify during an earthquake?
11. How do earthquakes originate?
12. A table-top river system
13. How is it possible for large hailstones to form in clouds?
14. Why do rainbows form?
15. Why do clouds form?
16. Do tornados always rotate in the same direction?

Discover the secrets  
of the geosciences by trying  
16 simple experiments at school.

# ALMANAC of geoscience experiments

For every lesson of  
NATIONAL HISTORY  
AND GEOGRAPHY



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to the experiment  
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