

Make your volcano:

Before starting your project please note drying times.



1. Place wax paper down as a work surface



2. Tape the two volcano forms together end to end



3. Empty celluclay into mixing bowl



4. Add water and mix until thoroughly wet



5. Gently mold celluclay over the form to create a volcano shape



6. Wait 12 hours for your volcano to cure



7. Paint your volcano. and allow paint to dry



8. Put 1 Tablespoon of baking soda into the crater



9. Put 3 drops each of red food coloring and liquid dish soap into the crater



10. Quickly pour 1/4 cup vinegar into the crater



11. Foamy lava will start erupting within seconds

Inside the box:



celluclay



paint set



volcano forms



dinosaur

In your kitchen:

waxed paper
mixing bowl
1 cup water
tape

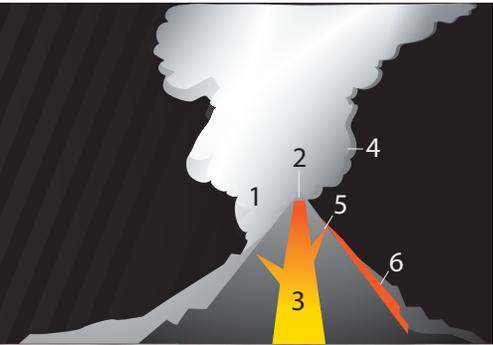
baking soda
red food coloring
liquid dish soap
vinegar

Volcano

make. paint. erupt.

Volcano Facts

- 160 volcanoes in USA
- 1500 historically active volcanoes in entire world
- Since 1980, 29,000 people have been killed by volcanoes.
- Most active volcano: Stromboli, Italy erupting for 2400+ years
- World's largest eruption: Tambora, Indonesia 1815
- World's smallest volcano: Mount Taal, Philippines, 1020 feet
- World's largest volcano Mauna Loa, Hawai'i Big Island, 56,000 feet tall
- Magma is hot liquid or semi-liquid rock under the earth's crust.
- Lava is liquid rock that flows outside the volcano.
- Volcanic ash is rock and mineral matter ejected from the volcano.



Earth's volcano distribution

1. Pyroclastic flow
2. Summit crater
3. Central conduit
4. New tephra
5. Flank vents
6. Young lava flow



Pumice

During volcanic eruptions rock is filled with gas and launched into the atmosphere. The rock is left with tiny pockets of air that make it bouyant. It can often be found floating in water near volcanoes.



Volcanologist



Strombolian eruption



Pelean eruption



Plinian eruption