

April

23

Volcanoes

Virtual

Kids

Activities



Craft - Baking Soda Volcano

A volcano is a mountain that opens downward to a pool of molten rock below the surface of the earth. When pressure builds up, eruptions occur. Gases and rock shoot up through the opening and spill over or fill the air with lava fragments.

Eruptions can cause lateral blasts, lava flows, hot ash flows, mudslides, avalanches, falling ash and floods. Volcano eruptions have been known to knock down entire forests. An erupting volcano can trigger tsunamis, flash floods, earthquakes, mudflows and rockfall!

For more Volcano facts follow this link <https://www.weatherwizkids.com/weather-volcano.htm>

Materials:

- soda bottle
- 6 cups of flour
- 2 cups of salt
- 4 tablespoons cooking oil
- 2 tablespoons of baking soda
- dish washing detergent
- food color
- vinegar
- warm water
- baking dish or pan



Directions:

1. First, make the cone of the baking soda volcano.
Mix 6 cups flour, 2 cups salt, 4 tablespoons cooking oil and 2 cups warm water. The mixture should be smooth and firm. Add more warm water if needed.
2. Stand the soda bottle in the baking pan and mold the dough around it into a volcano shape.
*Don't cover the opening or drop dough in it.
3. Fill the bottle most of the way full with warm water and a bit of red food color.
4. Add 6 drops of detergent to the bottle contents.
5. Add 2 tablespoons of baking soda to the contents.
6. Slowly pour vinegar into the bottle.
7. Watch the eruption!

Decorate your volcanic scene with items you have at home (rocks, bushes, trees, dinosaurs etc.). Take a picture of your project and add it to our comments!!



Virtual Exploration - 360° Kamchatka Volcano Eruption

Flying in 360° to the rim of a spectacular erupting volcano. Over 15,500 feet tall, Klyuchevskoy is one of the tallest and most active volcanoes on the planet.

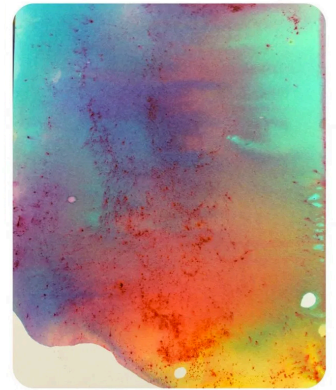
<https://www.youtube.com/watch?v=o3a1fkLsNS4>

Science Activity - Baking Soda Eruption Prints

They're fizzy, colorful, beautiful and oh so fun!

Follow the link below to create your work of art. Take a picture of your results and add them to our comments!!

<https://thepinterestedparent.com/2017/06/baking-soda-eruption-prints/>



Daily Challenge - Draw & Name your own Volcano

What is the weather like at the top of your volcano today?

Can you see the horizon from up there? What is the landscape around your volcano? Are there any animals? What's the name of your volcano?

Show us your creation - use items you have around your house - be creative!

Take a picture when you're done then add them to our comments!!

Let's Stay Active - Just Dance Disney Party Hawaiian Roller Coaster Ride

Follow the link below for a fun dance challenge. Bring your moves and learn some new ones in this dance challenge.

<https://www.youtube.com/watch?v=nBh7yWbNOFY>

