



FIZZING ROCKS

Suits ages 30 - 50 months



What you'll need:

- Bicarbonate of soda- 1 whole small container
- Water
- Food colouring
- Lemon juice
- Pipette, dropper, medicine syringe

What you do:

1. Mix the bicarbonate of soda
2. Add a few drops of food coloring
3. Mix into a paste with water
4. Mold the paste into balls
5. Place in the fridge for 1 hour
6. Use a pipette, dropper, or medicine syringe to squirt lemon juice one rock at a time
7. Watch the reaction that takes place

This activity is brilliant for supporting children's expressive arts and design as well as their thinking skills. Children are able to explore different materials. Encouraging children to predict and talk about what may happen next develops children's ideas and thinking processes. By researching this together you can both become co-researchers. Involving children into the mixing process will develop their skills in mathematics by allowing children to measure and talk about quantities. You may have budding scientists in the making - watch and discuss changes and reactions that take place.

As an extension for this, you could make a volcano and create a bigger reaction.