

WILD CARDS

Activity

Make a mound of mud or damp soil and make a hole in the middle of it (You can also use a jar in the middle if you want to try and do more experiments). Then add a couple of spoons of baking soda in the hole.

Pour vinegar over the top and watch it erupt. Alternate between putting the vinegar in first and then adding the baking soda; try several different ways and see which is the most fun.

Mud Volcano

The children should experience....

- The boundaries of the site
- The rules of forest school
- The be familiar with the focus words relating to the topic.

Resources

First aid kit, whistle, clipboards, paper, pencils. Ipad, baking soda, vinegar, mud, spades, red food colouring, wipes

Key Words

Volcanos, erupt, vinegar, baking soda, red, lava, core, ring of fire



Extension

- For the children to draw a picture of a volcano.
- To use the natural resources around the environment to make a volcano.

Cross-curricular links

Communication & Language; Responds to simple instructions.

Maths; Uses everyday language related to time: For example: "How long does it take to erupt?"

Personal, social and emotional development; Aware of the boundaries set, and of behavioural expectations in the setting.

Physical Development; Negotiates space successfully when making their own volcanos.

Understanding of the world; Looks closely at similarities, differences when putting different amounts of vinegar or when using different materials to build the volcano.

Expressive Arts & Designs; Plays alongside other children who are engaged in the same theme.

Questions

- Does the same thing happen in a real volcano?
- What causes a volcano to erupt?
- Would you want to be near a volcano if it's about to erupt?
- Why is lava red?