

ERUPTING PAPIER MACHE VOLCANO

ELECT: 1.2 Conflict Resolution and Social Problem-Solving Skills - Making logical connections between actions and consequences.

1.3 Co-operation - Co-operating and sharing frequently.

1.4 Helping Skills - Increasing helping behaviours.

Materials for Volcano:

- Cardboard
- Small disposable cup
- Masking tape
- Flour
- Glue
- Newspaper
- Paint/Acrylic paint
- Paintbrush

Materials for Lava:

- 1 tablespoon warm water
- Dish Soap
- Red food colouring
- 1 - 2 tablespoon baking soda
- White Vinegar
- Small cup

Instructions for Volcano:

- Tape the cup onto the cardboard base and crumple up the newspaper to create a mound surrounding the cup.
- Start to build the form of the volcano by taping more crumpled newspaper around the sides of the cup.
- Tape it all down so it's secure, the outside should be smooth because of the masking tape.
- **Do not cover the opening of the cup.**
- Mix up your "glue" using one part flour to two parts water.
- Tear more newspaper into strips about one to two inches wide
- Make sure each strip of newspaper is completely covered by dipping it into the paste.
- Stick each strip onto the volcano by using your fingers to massage and smooth them down.
- Repeat this process with as much newspaper it takes to completely cover the volcano and the cardboard base.
- **Note:** The strips should overlap and go in different directions.
- Wait 24 hours for the paste to dry, if you feel that it needs another layer, you can apply it after it's dry. (Every layer of strips and glue needs to dry for 24 hours.)
- When it's completely dry, then you can paint the volcano with as much detail, texture, and colour as you'd like.



Instructions for Lava:

- Measure one tablespoon of warm water and pour it into the volcano crater (the cup inside the Volcano).
- Add 3 or 4 drops of dish soap into the cup.
- Add the baking soda and stir
- Pour white vinegar into a separate cup until it's 1/3 full, then add a few drops of red food colouring.
- Pour the vinegar into the volcano crater, and watch the explosion begin!!

