

# Colour Volcano

Safety note: Adult supervision required. Keep away from eyes, adult to handle vinegar.

## Materials Needed

- Large clear container
- Baking Tray
- Baking soda
- White vinegar
- Food colouring
- Glitter (optional, but exciting!)
- Dish soap



## Method

1. Place container in a tray (this gets messy - that's the fun!)
2. Add 3-4 tablespoons of baking soda
3. Add a squirt of dish soap
4. Add different food colourings in different spots
5. Pour in vinegar and watch the spectacular eruption!



## Learning Outcomes

- Chemical reactions
- Colour mixing
- Cause and effect
- Scientific vocabulary



# Rainbow Walking Colours

Safety note: Adult supervision required. Keep away from eyes. Use plastic cups rather than glass. Adult to handle food colouring to avoid stains.

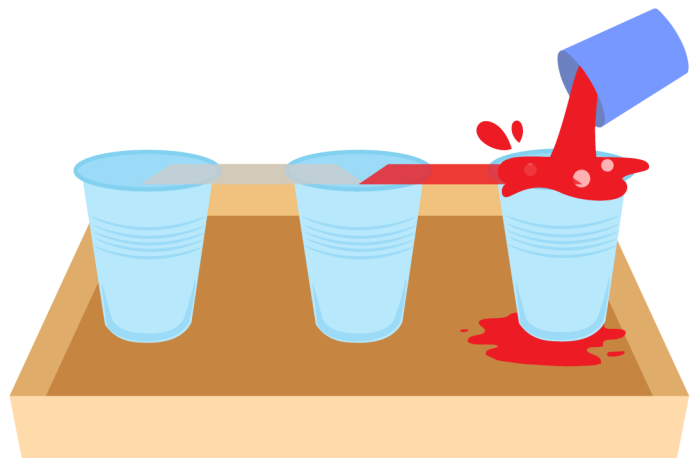
## Materials Needed

- 7 clear plastic cups
- Paper towels
- Food colouring (red, blue, yellow)
- Water
- Baking Tray to catch mess!



## Method

1. Line up the cups in a row
2. Fill alternate cups with water (1st, 3rd, 5th, 7th)
3. Add different food colouring to each water-filled cup
4. Fold paper towel strips and place them between cups like bridges
5. Watch as the colours "walk" across the paper towels and mix!



## Learning Outcomes

- Understanding absorption
- Colour mixing
- Basic scientific observation
- Fine motor skills development



# Rainbow Ice Cubes

Safety note: Adult supervision required. Keep away from eyes. Use plastic cups rather than glass. Adult to handle food colouring to avoid stains.

## Materials Needed

- Ice cube tray
- Food colouring (red and green)
- Clear cups
- Lemonade or soda water



## Method

1. Make coloured ice cubes (red and green)
2. Fill clear cups with lemonade
3. Drop in ice cubes
4. Watch colours swirl and create patterns
5. Observe how the ice cubes make the drink fizz differently
6. Enjoy drinking your coloured fizzy creation!



## Learning Outcomes

- Colour mixing
- Carbonation effects
- Temperature changes
- Scientific observation

