



Magic Milk

Experience

Preparation: Collect all materials. Pour a little milk into a small cup or jug.

Invite your child to pour a little milk from the cup/jug into the bottom of the bowl or tray (approximately 1 cm in depth). Encourage your child to place a few drops of food colouring in different areas of the milk.

Ask them what they think will happen when you add the detergent to the colour.

Invite your child to dip a cotton tip into the dish soap and gently touch the food colouring. It will “dance” through the milk, leaving colourful swirls behind. This is a great science experiment for young children.

Learning benefits

- Encourages skills of hypothesis and prediction
- Builds up curiosity and sense of enquiry
- Encourages experimentation- cause and effect



5 mins



3 - 5 years

Materials

Bowl or
small shallow tray
Small cup or jug
Milk
Detergent
Food colouring
Cotton tip or
Eye droppers

Hints and Tips

Indoors or outdoors

Add small amounts of
detergent at a time