

# JESUS TEACHES US TO... LOVE OUR ENEMIES

## Non-Newtonian Fluid Experiment!

Make your own non-Newtonian fluid at home! This fun slime-like compound is safe (using only cornstarch and water) and fun! It's also great for sensory play as kids will love letting it run through their fingers as well as squeezing it!

Most importantly, this experiment will help illustrate what the Bible says about human behaviour in **Proverbs 15:1: "A gentle answer turns anger away. But mean words stir up anger."** When we act aggressively towards others - whether by our words or our actions - we can expect an equally forceful response. However, the opposite is also true. When we treat others with kindness and gentleness, they're often in kind in return! We can often ease hurtful situations with a gentle response.

### Supplies Needed

- Cornstarch
- Water
- Mixing bowl
- Food colouring

### Steps:

1. Place the cornstarch in a mixing bowl
2. Add food colouring to water
3. Slowly add water to cornstarch
4. Mix with your hands. Continue adding water until you get a honey-like texture

### The Science!

A non-Newtonian fluid is one that displays both the properties of a fluid and a solid. This is because the solid particles are actually being suspended within the liquid. Under force, the atoms are connected and act like solid matter. However, without pressure the atoms release and it becomes like liquid matter.

