

# GOODTIMES AT HOME

## Rainbow in a Glass

We chatted about density last week and thought we would keep on the same theme this week! Using our properties of density we will be creating our very own indoor rainbow!

### Materials

- Food Colouring
- Water
- Sugar
- 4 containers plus one clear container
- Tablespoon
- Spoon



### Instructions



1. Put your glasses in a in on your counter or table. Add 1 tbsp of sugar to the first glass, 2 tbsp to the second glass, 3 tbsp to the third glass, and 4 tbsp to the fourth class. Leave the fifth glass empty.



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2. Add 3 tbsp of water to the first four glasses and stir each glass until all the sugar dissolves. If one cup doesn't dissolve the sugar add an extra tbsp to each glass

3. Add your food colouring: Add 2-3 drops of red to the first glass, 2-3 yellow drops to the second, 2-3 green to the third, and 2-3 drops of blue in to the fourth glass and stir
4. Now to make your rainbow! Pour the blue mixture in to your fifth glass first
5. Add your green glass next to the rainbow cup by putting a spoon **just above** the blue layer and pouring the green mixture over the spoon (we used a chopstick and that worked well too). Do this with the yellow and then the red mixture
6. Admire your amazing rainbow! Yeah Science!

