

Try this at home

Sugar density tower

Kit needed:

Sugar

Food colouring

4 cups or bowls

Spoon

Glass
(small glass
flower vase
will also work)

Instructions:

1. Fill four cups with water and label them 1 to 4.
2. Add one cap of food colouring into each cup. Each cup should be a different colour.
3. Leave cup 1 empty. Add one spoon of sugar to cup 2, and then double this amount as you go along the row: cup 3 = two spoons, cup 4 = four spoons.
4. Start layering! Pour the densest solution (cup 4) into a glass.
5. Slowly pour the contents of cup 3 down the side of the glass using the back of a spoon or a turkey baster.
6. Do the same with cup 2 and finish off with cup 1.
7. You should now have a layered rainbow! This is called a density tower.

