

### **Science Experiments – Water Fireworks**

#### Materials:

Water

Oil Food Colouring (Any colour of your choosing) 16 oz clear glass Another 16 oz clear glass A Fork

#### Instructions:

Fill the tall glass almost to the top with room-temperature water. Pour 2 tablespoons of oil into the other glass. Add 2 drops of food colouring to the glass with the oil. Stir the oil into the food colouring using a fork. Stop once you break the food

colouring into smaller drops.

Pour the oil and colouring mixture into the tall glass.

Now watch! The food colouring will slowly sink in the glass, with each droplet expanding outwards as it falls. Looks like fireworks!

#### How it Works:

Food colouring dissolves in water, but not in oil. So when you pour in your food colouring/oil mixture the oil will float at the top of the water because it is less dense, and the food colouring will beginning to dissolve once they sink through the oil and into the water.

> Why not try some other fun science experiments? https://www.sciencefun.org/kidszone/experiments/



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# \* Scavenger Hunt A scavenger hunt is a game in which someone prepares a list with specific items for the other person to find. This scavenger hunt could be completed either inside or outside. Good luck hunting! Some items you could try and find at home... Bonus Hunting! Find something: Round Smelly Magnetic Transparent (see through) Flexible (bendy) In the shape of a cube or sphere Game Fun! Card games – Snap, Go fish, Solitaire, Uno Play a boardgame – Cluedo, Monopoly, Operation, Guess Who, Pie Face, HeadBanz, Connect 4, Chess/Draughts, Snakes and Ladders Create your own board game

## Get Creative!

Why not spend some time drawing, painting, sculpting (using junk modelling) or building!