



Water Magic

STREAM activities encourage a curious, critical thinking mind! Try this easy to follow experiment to learn about air pressure.



Materials Needed:

- Large Bowl of Water
- Small Clear Drinking Glass
- Food Colouring

Directions: Begin by adding food colouring to the bowl of water. Submerge your drinking glass into the bowl after filling it with the coloured water. Turn the glass upside down, keeping it fully submerged and slowly lift the glass up, without letting the top of the glass rise above the surface of the water. The water will “magically” stay inside the glass, even though it’s upside down! Try lifting the glass fully above the bowl, breaking the surface. Once the surface is broken there will no longer be air pressure to keep the water suspended and the water will flow out.

Questions to Learn:

What do you think will happen when you turn the glass upside down?

Do you think the coloured water will stay in?

Do you think the water will make any sounds?

