

## Spouting Water

### What you need:

An empty washing up liquid container or pop bottle, a nail, a tray (to catch the water) a jug of water.

### What you do:

1. On the front of the container or bottle using the nail make four holes equal distant apart, one above the other.
2. Place the bottle in the tray.
3. Ask someone to put their fingers over all the holes.
4. Pour the water into the bottle, reminding the person who is covering the holes to keep their fingers over the holes until the bottle is full.

*What do you think will happen when the holes are uncovered?*

Ask the person covering the holes to take their fingers away from the holes all at the same time and watch what happens.

*What happens?*

*Why do you think this happens?*

*What would happen if you made the holes different sizes?*