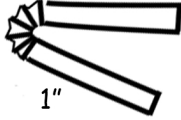# Cartesian Diver

1. Fill a plastic soda bottle to the top with water.

2. Cut the bendy bit off a bendy straw with about 1 in on either side.

1"

3. Bend a large paper clip in half and poke it into the ends of the bendy straw.

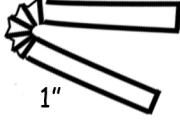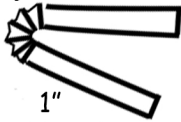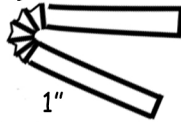4. Float your straw and paper clip in the bottle and put the lid on; sqeeze hard and see what happens!

5. Experiment! Try different lengths of straw, different objects, different bottles; observer and record what you discover.

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