

## Fun with Paper Clips

### Materials:

Clear plastic cup

100 small metal paper clips

### Instructions:

1. Fill the cup to the top with water.

### Question/prediction:

How many paper clips will it take to make the water overflow?

2. Carefully drop one paper clip at a time into the cup. Count the paper clips as you drop them in the cup.
3. Look at the cup from the side. Is the water bulging upward like a balloon?

### The science behind this project:

Drops of water stick to each other. That is why the surface of the water bulged when you added the paper clips. Scientists call this surface tension.