

## Experiment

 find - glass of waterWHAT TO DO:
Fill up the glass with water and place it on a level table. With your fingers close to the water, gently drop in pennies, penny by penny. Don't make waves when you do this. How many will it take to overflow the glass? Look closely at the water.

## SO WHAT:

It took lots more pennies than you thought, and the water lifted up and out of the glass, held together by
Dear Wes,
The smallest chunks of water we can have are water molecules, and they are attracted to each other in all directions.
Inside liquid water the molecules can cling onto each other top-ways, bottom-ways, side-to-side - any way they can. But on the surface of water, there are fewer directions for them to cling, so they grab onto each other more tightly the only way they can - sideways.
 other is the thick line you asked about. It's called surface tension. Before something can get wet, it needs to poke through that thick line.

## Exjersnent"t

Sprinkle pepper onto a bowl of water until the whole surface is covered. Then just touch a bar of soap to the center of the water.
Soap breaks up all that clinging-together, and the pepper will jump back as the surface tension breaks.

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