

Tiny Teacup Student Activity Sheet **Group Names:** _____

Engage: Observe what happens when the regular sized and the tiny teacups are turned upside down when filled with water.

What did you observe? _____

Why do you think this happened? _____

Explore: Brainstorm at least three things you could do to make the water come out of the tiny teacup: _____

Now do three experiments to test your three ideas.

Hypothesis 1: _____

Results: _____

Hypothesis 2: _____

Results: _____

Hypothesis 3: _____

Results: _____

Now brainstorm what other liquids might pour from the tiny teacup, since plain water won't:

Now do three experiments to test your three ideas.

Hypothesis 1: _____

Results: _____

Hypothesis 2: _____

Results: _____

Hypothesis 3: _____

Results: _____

On the back of this paper, summarize what you learned from these 6 experiments.