









- 10 mL of water to the other corner of the bag. Try to be sure that the water does not touch the powders in the other corner.
4. Get as much air out of the bag as you can and seal the bag securely. Let go of the corner and tilt the bag back and forth so that the water and the powders mix.
  5. Lay the bag on a table and observe how much gas is produced and how much the bag expands.
  6. Test the partially inflated bag to see if it still allows the clay cell phone model to float when placed in water.
7. Did the smaller amounts of citric acid and baking soda produce enough gas to inflate the bag enough to make the model cell phone float?
8. If a chemical reaction like this was incorporated into an actual cell phone flotation device, what other features would the device need?