

Name: _____

Date: _____

The Cabbage Take-home Experiment

1. Place the sample of purple cabbage in about 250 ml of water.
2. Bring the cabbage to a boil and then allow it to cool.
3. Separate and save the colored cabbage liquid. What color is it?
4. Add a half teaspoon of vinegar to some of the cabbage water. What happens?
5. Add about a quarter teaspoon of baking soda to a second sample of the cabbage water.

What happens?

6. Slowly add vinegar to the baking soda. What happens?
7. What do you observe if you keep adding vinegar after the bubbling stops?
8. Add some more baking soda. What happens?
9. What is the cabbage water?
10. How could you make use of it in the Chemistry class?