

## Chemistry



### Overview:

Did you know that a regular red cabbage can tell you how acidic or basic something is? In this Chemistry Lab learning module you will test this out for yourself using the juice from a red cabbage as a pH indicator and mixing it with an assortment of different household products. Can you figure out which substance is the most and least acidic?

### How to Find the Experience

Once you are logged in on the VXRLabs homepage, navigate to the "Subjects" tab, select the "Chemistry" option from the left-side menu, then click the "Red Cabbage pH Indicator" option.

### Gameplay Instructions

For this exercise, you will be in a science lab classroom with one table set up where you can perform this module's experiment. Each classroom in these Chemistry modules will also have a Fabricator table that can be used to create any extra items you may need to perform the experiment(s). On your experiment table you will find a computer monitor with multiple tabs for you to switch between the following pages:

1. Cabbage Chemistry Experiment - Here you can see the instructions for the experiment you are going to perform.
2. Cabbage pH scale - Here you can see a full list of the colors for each level of the pH scale to compare your results against.
3. Help - Here you can get extra information about the program if needed.

