

“pHun” with Food

For this lab you are going to test the pH of various food items in order to make a determination about what makes an acid an acid, and what makes a base, a base.

Assign roles in your group:

1. The Leader – Makes sure the group is moving along and abiding by all safety measures.
2. The Materials Manager – Obtains all materials and ensures everything is labeled correctly to avoid confusion.
3. The Mixer – Responsible for mixing all solutions together carefully and safely.
4. The Recorder – Records all data and ensures the rest of the group gets the data at a later time.

Use the available materials to design an experiment to determine what makes an acid an acid, and what makes a base a base.

Poster:

Once your group has come to a conclusion, make a poster to illustrate the differences between acids and bases. Things you might include are properties, examples, what makes an acid an acid, what makes a base a base.