

## **Kitchen Scraps Challenge**

In Canada, about \$31 billion dollars worth of food ends up in the landfill. Globally, about 1.3 billion tonnes ends up in landfills. That is equivalent to the weight of almost 200 million elephants. In contrast, around one million Canadians rely on food banks every month. Food waste is a serious problem.

### **Your Challenge**

Research some foods that you can grow from kitchen scraps. You may work in pairs but no more than two people in a group.

List five foods that can be regrown from kitchen scraps:

Pick three of the foods that you consume in your home and list them here:

Pick one of these foods. This is the food that you will be attempting to regrow from kitchen scraps.

In the space below, explain how you will regrow the food. Be specific in the steps that you will take.

What are some ways to reduce food waste in your home?

What are some ways to reduce food waste in our school?

There are some countries that have taken steps to reduce food waste from grocery stores. Are these programs effective? What are the steps that these countries have taken?

**Like our regular hydroponics plants, you will need to keep a detailed journal of your project's progress. Include the materials you used, steps you took and your plant's progress along the way.**

**This is a long term project. It will finish when your regrown plant is ready to be transplanted to soil.**

**You will be responsible for completing this step on your own.**