

# Lab Works Chemist

You are responsible for performing an experiment called Elephant Toothpaste. It combines several components to cause a foaming reaction. Record your findings on the Data Worksheet. Place all used materials in the container provided. Work with the Manufacturing Manager producing products that will be sold to citizens in JA BizTown. A quality product is important. Remember to stay on task to assure that products are completed in a timely manner.

## 1. Read Chemist Manual

Review the Chemist Manual and the Experiment instructions.

## 2. Elephant Toothpaste Experiment

During the Business start-up time, perform your Elephant Toothpaste Experiment. Let a JA Staff person know when you are ready for the Hydrogen Peroxide (they will put this in for you). Clean up materials and complete the Data Worksheet. Give the completed worksheet to a JA Staff person.

## 3. Make Products to Sell

After you have performed the experiment, your **most important** responsibility today will be to work with the Manufacturing Manager to create quality products for your business customers.

- Review the items that need to be manufactured.
- Make sure to read all directions in the Lab Work Manufacturing Manual before beginning. Quality is extremely important.
- If the Agricultural Manager in the Restaurant brings you lavender flower today, place small pieces of it into the hand sanitizer bottles. This may or may not be available.

## 4. Assist Customers with Sales



Throughout the day, you will also assist customers as they come in to purchase items.

- Follow the **POS SETUP AND SALES INSTRUCTIONS** to enter sales into the iPad.
- Your business accepts checks and debit cards. It is very important that this is done correctly.
- Any checks received should be given to the CFO to electronically deposit to the Bank throughout the day.
- Stay with your customers until they purchase their item(s) or leave your business.

## 5. Insta-Worm Experiment

If time permits, follow the directions on the counter for the Insta-Worm Experiment.

## 6. Clean Up

Assist with the business clean up at the end of the day.