Name

Group:

Directions: The area you live in could face a natural disaster such as flooding, earthquake or mudslides. There might not be enough drinkable water for everyone. Using your knowledge of the water cycle, create a way to make clean water. Start with a small proto type (a smaller version of the project). Discuss what materials you will need to create your model. Draw a picture of your model. Make sure you label your drawing.

Drawing:

Step two: Build your model

Step three: Test out your model: How do you know it is working? Collect data to show it is working. An easy way to collect data is to create a chart.

Step four: Redesign your model: Fix errors that have occurred, or make it more efficient. Make your drawings here. Label the new additions to your prototype.

Step four: Collect data again. Did you have more clean water? Is it faster this time? Use a chart to show your data.

Step five: Conclusion: Do you need to make more changes, or do you feel like you have accomplished your goal? Write what you learned about this process.

How much clean water was your group able to make?