**Research Plan Blank Template**

Use the following template to plan your project. Feel free to edit and reformat as needed.

# Group Members & Contact Info

# Research Question or Hypothesis

### What larger theme does this relate to? (For example, climate change, public health, etc.)

### Who might be interested in this data? Why?

# Background Information

### List what you *already* know:

### List what you *need* to know:

### List your next steps:

# Method

### What pollutants are you interested in?

### What additional quantitative or qualitative data do you need?

### What are you comparing? (For example, two pollutants in different locations, or the same location at different times.)

# Required Materials

# Procedure

How will you collect your data, step by step? This applies to groups using the Pods and groups using existing data.

# Timeline

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Project Phase** | **When will this happen?** | **What will we need?** | **Who will bring it? Or, how will we get it?** | **Questions?** |
| **Complete Project Plan** |  |  |  |  |
| **Prep Equipment** |  |  |  |  |
| **Collect Data** |  |  |  |  |
| **Check Data** |  |  |  |  |
| **2nd Data Collection** (if necessary) |  |  |  |  |
| **Data Analysis** |  |  |  |  |
| **Make Poster** |  |  |  |  |
| **Symposium** |  |  |  |  |

# Potential Sources of Error

List two potential sources or error and how you can minimize their effects on the data.

# Data Analysis Plan

Describe two statistics that you will compute to help you evaluate your hypothesis.

Describe two plots that you will make to help you evaluate your hypothesis.