Student Name

**Initial Proposal - *Noise Pollution***

1. **Which type of pollution am I going to study? Why?**

Noise pollution because we want to see know how loud hot spots are. Hot spots are high traffic areas that are heavily polluted by noise. I want to see what the loudest place is, my prediction is the lunch room.

1. **What is a problem related to pollution that I want to study?**

Noise pollution because we wanna see how many decibels a lunch room can make while people chat and eat lunch. I want to see if it affects people on how loud and how quiet places are.

1. **What is my hypothesis?**

My prediction is the loudest place in the area is the lunchroom during lunch time. What place in this school is the loudest and at what time. Time because it could only be loud in the atrium after school then before school and even quieter during school.

1. **How am I going to conduct my research**

We are going to put a decibel tracer in the hotspots and track how many decibels it can get up to. When we find the information we will record it and find the average decibel.

1. **What are necessary supplies that I need to conduct research?**

We will need a decibel tracker and a place to record too. Then we will need a calculator to find the average or the tracker will do it for us. We will also need a powerpoint to store our information in order, then we will put the information in a movie.

1. **Where (setting) and when will I research (observations) take place?**

We will conduct our research in many place we will put the tracker in any place that might cause noise. For example the lunch room, the atrium, hallways. May try the library to see how loud it is there

1. **Who are possible experts that I could contact to aid my research?**

Somebody that has experience will loud objects and know how decibels work. We don't have a particular person yet but we will find someone qualified .

1. **What is my plan (checkpoints) over the next few weeks to make sure the project is completed on time?**

We will start by getting a tracker and placing it in position and wait maybe 10 min and then collect the average decibel level.we will have all our information done in the next two weeks and will be starting our movie the last week. We will use scripts in increase the flow of the movie.

1. **What are some possible problems that i may encounter?**

The place might not be loud enough to get a sample of the sound. Maybe hard to record our information and find an average. We might have a problem setting up in the lunchroom because you need to be in the middle of the room not just a corner.

1. **Make a sample of a data table. (No sentences necessary)**

|  |  |  |
| --- | --- | --- |
|  | Decibel range  | Average decibel |
| area | “Low- high” | “Then the average we see” |