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Project:proj_223338_Team_2

Project name: Noise pollution monitoring

About Noise Pollution

A Sound level meters are commonly utilizes in Sound pollution studies for the quantification of various sorts of noise, especially for industrial, environmental, mining , and aircraft noise. The reading from a sound level meter doesn't correlate well to human-perceived loudness, which is best measured by a loudness meter.

Problems:

- Noise pollution adversely affects the lives of millions of people.
- Studies have shown that there are direct links between noise and health.

Solving Noise Pollution:

- The best long-term solution to industrial noise control is to treat the root cause of the problem and solve it at the source. However, for any mode of control to be effective, a comprehensive survey must be conducted in order to identify the source an and determine how much it contributes to the overall noise level at the facility.
- **Sound transmission loss lines:**
It involves using heavy and dense objects with poor sound transmission properties to bloy or attenuate noise propagating through the wall.

Noise Pollution Workplace:

Maintain and lubricate machinery and equipment (e.g., oil bearings) place a barrier between the noise source and employee(e.g., Sound Wall or curtains) Enclose or isolate the noise source.

Design Thinking:

The children came up with creative solutions like use of ear plugs, lowering the volume, planning more trees, no honking and no loudspeakers. They depicted the soothing sound and harsh sounds using clay and through