



Writing a Problem Statement

The first step in the engineering design process is to define your problem.

What problem do you intend to solve?

You will be refining the problem you have written above through the following questions. This refining will help you establish a strong, coherent problem statement for your Mission Folder.

What are you defining as your “community?” (i.e. classroom, school, town, city, state, country, the world?)

Why is this problem important to your community? Think about specifically who solving this problem will help and HOW it will help them.

What makes this problem more urgent than other problems your community faces?

Describe a time when this problem affected you or someone you know? What happened?



Now it's time to use the answers to the questions above to help you write your problem statement. You will want to include all of the information above (the problem you are solving, your definition of community, why this problem is important, what makes this problem urgent, the specific example(s) of how the problem affected you or others). Write your problem statement below: