

## Problem Solve Your School Worksheet

**Problem:** After the class chooses a specific problem, write a problem statement. Be general so that it is open to many solutions.

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**Brainstorming:** While the class is brainstorming, write down some of the ideas.

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**Pick One:** Circle the idea from the list above that the class chose by voting.

**Explain:** Describe the chosen idea in as much detail as you need so that anyone can understand. You might need to draw a diagram or picture on the back of this sheet to make your explanation very clear.

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**Test:** After you test the design idea as a class, write down what happened. Was it what you expected would happen?

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**Review:**

Did the design idea solve the problem statement that you wrote above?

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Do you think it is the best solution possible?

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Do you think that if you started over, and incorporated what you learned from your first design, you would be able to think of an improved design? What would be different?

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