



A Problem and Solution

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Science
Grades 3-5



Introduction

Problem solving is an essential skill for all students to have. It is not only critical for students to know how to express creativity; they must also know how to use their creativity to solve a dilemma. In this writing prompt, students will explain how they would uniquely solve a personal problem.

Learning Objectives

- ([CCSS.ELA-Literacy.W.3.2](#)) Write informative/explanatory texts to examine a topic and convey ideas and information clearly.
- ([CCSS.ELA-Literacy.W.3.2.A](#)) Introduce a topic and group related information together; include illustrations when useful to aiding comprehension.

Materials Needed

- Access to technology (introduction video)
- Paper/electronic tablet/laptop (for composing a writing piece)

Procedure

1. Introduce this topic by asking the students to explain what an invention is, what their favorite inventions are, and what they think is the purpose of inventions. After discussing this with the class, show [this video](#).
2. After reviewing the video, have a brief discussion about whether they have ever had an idea for an invention.

Writing Prompt: *Everyday people face problems that they must figure out a way to solve. Describe a problem that you have had and explain how you would solve this problem by inventing something.*

Evaluation

Use a rubric to evaluate this expository writing. The rubric should rate the organization, development of ideas, and use of language.