



Lab Safety

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Science
Grades 9-12



Introduction

Accidents happen, but we try to avoid them when we can! Lab safety is a topic covered in science every single year, and students will explore whether or not it is important to follow safety procedures in the lab.

Learning Objectives

[CCSS.ELA-Literacy.W.9-10.1](#)

- WALT write a persuasive argument on why it is important to follow lab safety procedures.

Materials Needed

- [Pre-writing graphic organizer](#)
- [Writer's checklist](#)
- Persuasive writing anchor chart
- Optional activities
- Chromebook/tablet/computer

Procedure

1. Students will brainstorm what they already know about lab safety. Keep this task short and sweet.
2. Visit these websites about lab safety. Make sure to preview all before assigning as websites and contents change frequently. Make sure the information is appropriate for the grade level you are teaching.
 - [BrainPOP: Lab Safety Video](#)
 - [BrainPOP: Lab Safety Related Reading](#)
 - [Danger in School Labs](#)
 - [Various Lab Safety Articles](#)
 - [Safety in the Science Classroom](#)
 - [Science Safety Gone Wrong](#)
 - [Lab Safety Song](#)
 - [General Lab Safety](#)
 - [Lab Safety Rules](#)

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3. Students should begin to prewrite for their persuasive essay. The teacher should reference an anchor chart. Have students fill in a graphic organizer. There are many great samples on various websites, but if you have a district or grade-level organizer that is often used, that is a great option. There is one available with this writing prompt.
 - Opening
 - Supporting details
 - Conclusion
4. Students will create their essay during this task. Teachers will conference with students as they create their writing piece. Students will be given a checklist to use as they create their writing piece. This will be done throughout the writing process for the essay. You can modify the checklist as needed. This can be a formal or informal writing piece, and you can use it to create a debate in class if you wish.
5. When the rough draft of the essay is completed, students should have one or two peers edit/revise the essay and make the appropriate changes before creating a final draft.
6. Students will complete the final draft of the persuasive essay.

Evaluation

You should use the writing rubric that your district requires to grade the writing.