



**Instructor:** Ailen Borres

**Week:** 2

**Subject:** Science

### Lab Safety

#### Description of Activity

Laboratory safety is the key to preventing injury and illness due to working in a teaching or research laboratory. There are opportunities for exposure to hazards in a laboratory that may not have been considered hazardous before. It is essential to have proper training so you, as the employee or student, know the potential dangers, so that correct precautions and safeguards are learned and practiced.

#### Learning Objectives:

After this lesson, students will be able to:

- Work safety in a science lab
- Know what to do in case of an accident
- Know the basic lab safety rules, such as washing hands, following directions, not bringing food or drink into the lab and keeping the lab area clean.

#### Standards:

STANDARD: 1	Describe safety practices that should be taken as students identify various tools, materials, and procedures for designing their solutions. Safety training followed by a hazards analysis and risks assessment must precede any work.
BENCHMARK: GS 6.1	The student will understand safety to be observed based on educational facilities such as laboratories, classrooms, and field environments.

#### Materials Required:

- Art supplies, like colored pencils and crayons
- Paper
- Magazines (to obtain images)

#### Learning Activities

- Play the video [Laboratory Safety Techniques: Protecting People and Equipment](#)
- As the video plays, stop the video at the following sections and have students write down the rules:

- Have students brainstorm lab safety rules they know about and the reason for those rules. Tell the class that they will use BrainPOP to learn all about lab safety rules-- why they're important, and what can happen if we don't follow them.
- Explain that they will create posters about lab safety rules to display around the classroom.

**Assessment:** *Formative/Summative*

- Lab Safety Worksheet

**Safety:**

N/A

**References:**

- Website: [www.guitarbuilding.org](http://www.guitarbuilding.org)  
<https://www.math-aids.com/>  
ASDOE Curriculum  
Book: **Algebra 1(an incremental Development)**  
Tape measure,

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