

Ms. Heinz
Biology 1
Day 1 Period 2
50 minutes

Objectives: TSW describe and identify lab safety rules and procedures. (Bio 1, bc, DOK 2)

Materials: writing utensil, binder, lab safety rules, lab safety symbols, lab safety cartoon worksheet and questions

Bellwork: Describe a career or an activity that requires special safety equipment or safety rules. (5 minutes)

Set: Get volunteers to share their ideas on bellwork. Discuss why safety equipment is necessary in those certain careers/activities; why don't people usually perform those activities without the necessary safety equipment?

Today we are going to discuss lab safety and identify the lab safety rules that are necessary for participating in laboratory activities. Science is hugely related to "doing", "experimenting" and asking question in order to find the answers. This means a lot of hands-on activities in the laboratory. However, in order to be included in this, everyone must demonstrate understanding of our lab safety rules, procedures and symbols. Today we'll look over those rules, procedures and symbols and apply them to given scenarios. (5 minutes)

Procedures:

1. Hand out lab safety rules/symbols handout. Give students a couple of minutes to look over them individually. Students are responsible for being familiar with all of them.
2. Highlight a couple of rules and symbols that are most commonly seen in the laboratory.
3. Distribute lab safety rules worksheet. Students work individually to complete worksheet questions.
4. Monitor students as they work, clarifying questions/pictures, verbally quizzing students and checking for progress.
5. Collect answers to questions when students are finished.
6. Walk through cartoon questions – talking about answers, unsafe scenarios/common mistakes in the lab area and rules that apply to the given situations.
7. Distribute lab safety scenarios worksheet. Students may begin working on this, if time permits, otherwise it is due back to class tomorrow (homework). 35 minutes

Closure: Today we described and identified lab safety rules and procedures, applying those rules to given scenarios that could happen in a real laboratory. Have each student