

Workplace Readiness Skills for the Commonwealth

Safety Projects

Objective: Describe laboratory safety and safety tools, regulations, standards, and practices associated with selected careers.

Materials:

Guidelines for each student, "Safety Project," may be accessed at

- http://www.cteresource.org/attachments/atb/aai/safety_project.pdf (PDF) or
- http://www.cteresource.org/attachments/atb/aai/safety_project.doc (Word)

Notes to the Teacher

1. Provide instruction related to laboratory safety and safety standards and practices associated with students' programs of study.
2. Share the following statistics about American workers from the AFL-CIO's Internet site: In 2002, 4.7 million workers were injured, 5,500 killed by traumatic injuries, and an estimated 50,000--60,000 died from occupational diseases.
3. Ask students to collect articles from newspapers, magazines, trade journals, and the Internet related to workplace accidents. Have students give reports on their findings. Engage students in discussions about how accidents might have been prevented.
4. Have each student develop flyers and posters depicting safety standards and practices in a selected working environment related to his/her career of interest.
5. Invite experts from the business community to talk with students about safety issues related to selected careers.
6. Ask students to observe and take notes about safety-related issues when taking field trips or when participating in work-based learning experiences.
7. Ask each student to prepare a written report with photographs or other illustrations that addresses regulations, standards, and practices related to a selected career area. Give each student a copy of the guidelines "Safety Project."

Ideas for Differentiation

- Review the terms *traumatic* and *occupational*, if students require it.
- Provide intermediate deadlines for each component of the project for students who require assistance with organizing time, assignments, and assistance with long-term projects.