

Shop Safety

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VITAL INFORMATION

Subject(s): Vocational Studies, Graphic Communications Option A (Printing Technology)

Topic or Unit of Study: Introduction to Safety

Grade/Level: 9-12

Objective: Introduce the students to safety in the classroom and the printing industry.

Summary:

IMPLEMENTATION

Learning Context: Throughout their future the student will have a need for safety and be required to understand what is required in the industry. This lesson will consist of a lecture, tour, scavenger hunt for safety discrepancies as well as a safety quiz.

Procedure: Introduce the lesson with a bell work question such as "What does a safe work environment look like or feel like?"

Have students take notes from safety lecture for quiz the following day.

Perform Classroom Fire Drill

Have students do a scavenger hunt of the classroom to find and have them write a paper on how the hazards can affect their learning or how they would recommend fixing the hazard.

1. Most safety hazards
2. Single Most Dangerous Hazard

Differentiated Instruction: ELL and SE students will be paired with other students to help facilitate the Fire Drill as well as understand what a hazard is.

Sample Student Products:

Collaboration:

Time Allotment: 2 class periods. 45 Min. per class.

Author's Comments & Reflections:

MATERIALS AND RESOURCES

Instructional Materials:

Resources:

- Materials and resources:
Projector
- Technology resources:
PowerPoint
- The number of computers required is 1.

STANDARDS & ASSESSMENT

Standards:

AZ- Vocational Program Competencies

- **Level** : Level III (Grades 11 & 12)
- **Program** : Graphic Communications
 - **Option** : Graphic Arts
 - **Competency 12.0** : PRACTICE SAFETY RULES AND PROCEDURES
 - **Indicator 12.8** : Explain the right-to-know law
 - **Indicator 12.1** : Follow approved shop dress code for safe operation, including personal safety equipment
 - **Indicator 12.2** : Comply with OSHA safety regulations and practices
 - **Indicator 12.3** : Practice approved methods to dispose of waste materials
 - **Indicator 12.4** : Use Material Safety Data Sheets (MSDS)
 - **Indicator 12.5** : Follow safety procedures when operating equipment
 - **Indicator 12.6** : Read and follow instructions on warning labels
 - **Indicator 12.7** : Demonstrate a working knowledge of the safety color code

Assessment/Rubrics:

Safety Quiz