

Merced County ROP: Standards-Based Lesson Plan

LESSON PLAN MISCELLANEOUS INFORMATION:

Course Name	Teacher Designer	Time Allocation
The Art and History of Floral Design	Morgan Perry	Three Class Sessions

Lesson Title	Unit Title and Number
Safety Lesson Plan	I. C 1-4 Safety

CONTENT AND ACADEMIC STANDARDS

Content Standard(s) from Agriculture Education Frameworks	<ul style="list-style-type: none"> • CDE/OH advanced: FPD: H.1 • CDI/OH Advanced: SPH: I.2, 5, K.13 L.1
English Academic Standard(s)	<ul style="list-style-type: none"> • English/LA: Grades 9-12 <u>Reading Comprehension 2.1, 2.4</u> Writing Application 2.6 A-D • English/LA: Grades 11-12 Reading Comprehension 2.3
Math Academic Standard(s)	N/A

LESSON PLAN COMPETENCIES (FROM COURSE OUTLINE)

<ul style="list-style-type: none"> • I. . 1. OSHA: explain the purpose and function of OSHA in the workplace • I.C.2 Labor Laws for Teens: identify and explain the labor laws that govern teens in the workplace. • I.C.3. Accident Prevention: describe accident prevention techniques and provide methods to prevent accidents in the workplace • I.C.4. Emergency Procedures: explain and implement procedures to be followed in the event of an emergency or accident in the workplace or classroom.

LESSON PLAN OBJECTIVES (SUB LEARNING GOALS)

- Discuss practices necessary to maintain a safe working environment, including ergonomics, teen labor laws and OSHA regulations.
- Demonstrate safe working habits and explain/implement emergency procedures.
- Pass the ROP course Safety Test with 100% accuracy

INSTRUCTIONAL MATERIALS REQUIREMENTS

Teacher Needs	<ol style="list-style-type: none"> 1. Notes Via PowerPoint, overheads or Board 2. Classroom Supplies: <ol style="list-style-type: none"> a. Colored pencils b. Scissors c. Glue Sticks 3. Hand-outs - safety
Student Needs:	<ol style="list-style-type: none"> 1. Interactive notebook 2. pen and pencil 3. textbook "Art of Floral Design"

ESSENTIAL QUESTIONS FOR THE LESSON: Resource Available

1. What do you think it would be like to live without a finger or a limb?
2. Would you want to work in an environment that is unsafe?
3. How would you like to work with a co-worker or classmate that consistently puts your life in jeopardy due to not following safety procedures?

FOUR-STEP LESSON PLAN: Describe the lesson in detail: Resource Available

Introduction	<ol style="list-style-type: none"> 1. How would you like to do a flower arrangement knowing that during the procedure you will most likely bleed at some point? 2. Did you know there are safety laws that regulate both the employer/employee as well as the school environment? 3. Today we will learn about safety of specific tools, the classroom environment, labor laws for teens and Safety laws regulated by OSHA.
Presentatio n	<ol style="list-style-type: none"> 1. Identify the specific tools used in class. 2. Review the safety rules pertaining to each tool. 3. Review & demonstrate the safety pertaining to water, cold storage, Greenhouse, wire, Glue gun, Helium tanks & balloons & paint cans.

	<ol style="list-style-type: none"> 4. Explain the teen labor laws. 5. Explain what OSHA is and it's safety regulations.
FOUR-STEP LESSON PLAN: Continued	
Application	<ol style="list-style-type: none"> 1. In the interactive notebook, draw and label the tools used in class. 2. In groups of 2-4 have students go through the greenhouse, floral lab and classroom to evaluate the environments for safety hazards. 3. Also in the groups, have the students list the locations of safety items such as the fire extinguisher, safety kit & eye wash station.
Testing and Assessment	<ol style="list-style-type: none"> 1. Pass safety test with a score of 100%. 2. Students who do not pass the 1st time may retake the test.

INSTRUCTIONAL STRATEGIES: Resource Available

Learning Modalities	<ul style="list-style-type: none"> ● Auditory: Listening ● Visual: Reading, Writing, Observing ● Kinesthetic: Active Involvement
Bloom's Taxonomy	<ul style="list-style-type: none"> ● Knowledge: Recall & Memorization ● Comprehension: Grasp & Interpret New Information ● Application: Transfer from Information to Real Life Information or New Task ● Analysis: Examine, Classify, Predict, Draw Conclusion ● Synthesis: Combine & Integrate Knowledge into a Project, Plan, or Proposal ● Evaluation: Appraise, Assess, or Criticize based on Specific Criteria
Six A's	<ul style="list-style-type: none"> ● Authenticity: Real World with Meaning to Students ● Academic Rigor: Specific Content & Academic Standards are Addressed ● Applied Learning: Application Related to Realistic & Complex Problem ● Active Exploration: Field Based Learning; Information Received from a Variety of sources

	<ul style="list-style-type: none">● Adult Connection: Contacts with Adults who have Expertise and Experience● Assessment: Clear Explanation of Assessment of the Lesson
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HOMEWORK ASSIGNMENTS OR EXTRA CREDIT

- Find the directions for fire extinguisher use and the types of fire extinguishers. Describe in paragraph/essay form, how to properly use one and when each type of extinguisher should be used.