

Introduction to Health Sciences

Promotion of Safety

Name: Lisa Hopson Date: 2/22/12 Age/Grade Level: 9-12 grade

of Students: 20 # of IEP Students: # of GSSP Students # of LEP Students:

Program: Health Sciences

Course: Introduction to Health Science - B

Lesson Length: 6 days, 55 min.

Unit Title: Promotion of Safety

Lesson Number: Chapter 12

Context

Knowledge and application of basic safety principles is vital to healthcare workers who are responsible for both personal and patient safety. Employees must understand the basics how to lift properly, how to prevent fires and how to handle hazardous materials safely. This is the first lesson in safety and students will be introduced to each of these topics.

Task

HEA 102-1: Incorporate HOSA competitive event guidelines, leadership and team skills in all content areas.

HEA 102-3: Describe and apply the problem-solving processes independently and in groups.

HEA 102-4: Describe the importance of teamwork and apply teamwork skills.

HEA 102-17: Demonstrate a basic skill used in a career major area

Objectives

Students will be able to:

- Recognize safety hazards in the classroom and workplace
- Define & apply good body mechanics
- Observe all safety standards established by OSHA, especially the Occupational Exposure to Hazardous Chemicals Standards & the Bloodborne Pathogen Standard
- Recognize fire hazards & demonstrate proper use of a fire extinguisher
- Demonstrate proper handling of hazardous materials
- Locate information found in MSDS sheets
- Students will meet each of the above objects to 100% accuracy
- Incorporate HOSA using competitive event guidelines, leadership & team skills in all content areas.

Connections

Academic Expectations – Practical Living

- 2,31 Students will demonstrate the knowledge & skills they need to remain physically healthy to accept responsibility for their own physical well-being.

Core Content

- Practical Living/Vocational Studies/ PL-HS-4.2.1 – Students will identify individual work habits/ethics (e.g., individual/team responsibilities, willingness to learn, integrity, respect, confidentiality, self-discipline, problem-solving, punctuality, communication skills) and explain their importance in the workplace. DOK2

Skill Standards

- Employability Skills/ 4.19 – Accept responsibility for own actions

Assessment Plan Formative

Review of worksheets & group activities, classroom discussion, question/answers/review

Assessment Plan Summative

Multiple choice, true/false, short answer summative assessment

Resources, media and technology

- Introduction to Health Science Technology, 2nd edition by Louise Simmers
- Student Handouts
- Power point
- U-tube videos

Refinement

How did students progress in relation to the state objectives? Was the instruction successful? Analyze Samples of student work, particularly that which is unsatisfactory, for the purpose of planning further instruction.

PROCEDURES

Day 1

Focus Question: Why is safety important in the workplace?

Instructional Strategy:

- Present power point over body mechanics
- Have students practice good body mechanics
- Review body mechanics

Day 2

Focus Question: We know safety is important for us, why is it important for patients?

Instructional Strategy:

- Present Power point – Preventing accidents & injuries
- U-tube video “injuries in the workplace”
- Review MSDS sheet
- Bloodborne pathogens
- Review

Day 3

Focus Question: How can practicing Standard Precautions protect you and the patient? Example

Instructional Strategy:

- Power point equipment & solution safety
- Patient & resident safety
- Personal safety
- Review
- Group activity

Day 4

Focus Question: How many of you have a fire extinguisher in your house & know how to use it?

Instructional Strategy:

- Power point fire safety
- Demonstration – use of fire extinguisher
- Classes of fire extinguishers
- Case scenarios – what would you do?

Day 5

Focus Question: What is the most important safety tip you have taken from this chapter?

Instructional Strategy:

- Test review
- Test review crossword
- Exit slip

Day 6

Focus Question: Wrapping it all up: Tell me why safety is important for the healthcare worker and the patient.

Instructional Strategy:

- Summative Test – Chapter 12 (Promotion of Safety)

