

Business Basics

Subject: Resource and Technology

Module: Business Basics

Unit Title: Safety Management in the Business Environment

Topic: Understanding Occupational Health and Safety Management in the Business Environment

Big Idea: Safety comes First!

Problem Statement/Focus Question: Accidents happen every day on the road, in the home, at school and other places. What are some of the safety concerns in the workplace?

Grade: 7

Duration: 60 minutes

Prior learning:

Students should be aware of the key terms associated with safety and the meaning of safety and hygienic signs and symptoms displayed in businesses.

R & T Strand: Explore Methods and Procedures

Attainment Target:

- Demonstrate an awareness of safe and hygienic use of tools and equipment
- Gather information about strategies and procedures that are used by various agencies/ organization that ensure safety in the business

SCIENCE STANDARD

Attainment Target 1. Exploring Science and the Environment – Grade 7

- Appreciate the importance of scientific methods and be aware of safety procedures to be taken when using equipment , tools and materials

MATHEMATICS STANDARD

Attainment Target 5. Collect, organise, interpret and represent data and make inferences by applying knowledge of statistics and probability - Data Handling and Probability Grade 3

Interpret data presented in simple tables, pictographs and bar graph using horizontal and vertical representations.

TECHNOLOGY STANDARD

T&S Standard 5

Student will develop an understanding of the effects of technology on the environment.

Resource Materials:

Computer, projector, internet access, video, handouts/books, flip chart, markers

Learning Objectives:

Students will be able to:

1. define the terms safety management, occupational health and safety (OHS), and risk assessment
2. Identify different kinds of risks associated with different organizations or types businesses
3. State the benefits of OHS
4. Outline the importance of doing risk assessment
5. Explain the elements involved in safety management

Content Outline:

- Safety management – definition, components/elements in safety management
- Occupational health and safety – definition, OHS risk factors in the workplace with particular emphasis on the business environment, laws and standards, rights and responsibilities, benefits of OHS
- Identifying safety and health hazards in the environment – risk assessment, importance of risk assessment

Classroom Safety e.g. Students will

- use tools and equipment in a safe manner and assume responsibility for their safety and safety of others.
- demonstrate courtesy in regard to the ideas expressed by classmates and will show appreciation for the efforts of others

Activity Highlights**Engagement**

Students will view a video presentation at <https://youtu.be/QO3aOrxkAiE> that shows accidents in an office. After viewing the video, they will be asked to tell what they observed in the video. With guiding questions and prompts from the facilitator, it is anticipated that the concept of risk, safety, damage and hazard will come up in the discourse to assess prior learning.

Exploration

Using the video presentation as a prompt, facilitator engage students in a class discussion to identify other kinds of risks and hazards associated with other types of businesses in their environment.

Students will then view the following videos <https://youtu.be/73zfbMmXlPk> and <https://youtu.be/5cgrZSnCsJ4> which depict additional hazards prevention strategies.

Students will be placed in groups using the jigsaw method to do internet research. If there is no internet access, teacher should provide materials on a) risk assessment b) occupational health and safety and c) safety management based on guiding questions from teacher. They will relate the topics to business. Students will prepare posters using presentation software where possible (flip chart and markers can be used to create posters where computer resources are not available) to represent their understanding of the topic given.

Explanation

Students will present their summary of the topics to the large group using the presentations prepared as aides accordingly.

Extension/Elaboration

Teacher and students will give feedback accordingly as they respond to the respective presentations made by the various groups. Teacher will place additional points on board where necessary. Students will be allowed to place posters on walls to create a gallery. Gallery walk will be done to facilitate students taking down information from posters and the board.

Evaluation

Presentations will be assessed using rubric developed.

A case study/scenario will be given to students which will require them to identify the risk assessment, OHS and safety management issues and procedures. This can be an end of class activity or homework.

Enrichment

Students will use principles from the lesson to conduct a risk assessment in the school and identify possible solutions. They will prepare a report. Teacher will give guidelines for this activity. Students can take pictures to support any concerns identified.