

Lesson Plan: WRL (age 14 – 16) – Health & Safety.

Lesson Overview

1. Connect the learning

Recap on any previous learning on health & safety and electricity in the home.

2. The big picture

The lesson explores why health & safety is important in home and at work.

3. The learning outcomes

By the end of the session students will have learnt:

- How to ensure their own health & safety in the home.
- The importance of applying health & safety in the workplace.

Resources required:

- Computer with data projector and / or IWB.
- Alternatively an OHP with OHT of the 'Item' worksheet.
- Hard copies of the student sheet.

4. Introduction 15 minutes

Distribute copies of the Health and Safety student sheet. Ask the students to read the article about the Roskilde festival, followed by the Health & safety Executive (HSE) list of issues. Ask them to work in pairs and decide why each of the items on the list could be a health and safety risk at a concert or event.

5. Activity 25 minutes

Explain to the students that every employer, organisation and business has to conduct a risk assessment on their premises, or at a venue, to make sure that they are safe places for their employees and the public to be. Explore how similar principles should apply when considering their own health & safety in their own home. Working in pairs, ask the group to conduct a quick risk assessment of the classroom or school building using the following steps outlined by the HSE. Then ask the student to do a similar exercise for their bedroom at home and compare.

Step 1: Identify the hazards.

Step 2: Decide who might be harmed and how.

Step 3: Evaluate the risks and decide on precautions.

Step 4: Record your findings and implement them.

Step 5: Review your assessment and update if necessary.

<http://www.hse.gov.uk/risk/fivesteps.htm>

6. Demonstration 15 minutes

Using feedback from the class based upon their findings, compile a list of potential hazards in school and at home and what precautions are being or could be taken to protect people against them.

7. Review and preview

Ask the following questions: "What does health & safety mean?" & "Where should it be implemented?". Explain that all workplaces and public places need to have Health & Safety risk assessments carried out to ensure they are safe – and that the principles apply equally in their own homes. You can find out more about electrical safety in the home and useful links by going to www.230volts.org.uk.

Student sheet: WRL – Health & Safety.

Session Objectives

By the end of the session you will have applied the HSE Five Steps to risk assessment and gained an understanding of the health & safety risks at school and in the home, and how you might mitigate them.

Introduction

"Saturday, 1 July, 2000, 09:29 GMT 10:29 UK

Fatal crush at rock festival

Eight people have been crushed to death in Denmark at one of Europe's biggest music festivals. The accident happened during a performance by the American rock group, Pearl Jam, at the Roskilde annual festival near Copenhagen.

There were scenes of pushing, panic, shouts, then the music stopped, replaced by howls and screams. It was unbearable.

"A group of some 15 spectators collapsed en masse in front of the rostrum, and people behind them began uncontrollably tumbling over them," one eyewitness said.

Another eyewitness said: "The people massed at the back kept on pressing towards the front of the stage despite appeals by the security guards and the singers."

"All of a sudden there were scenes of pushing, panic, shouts, then the music stopped, replaced by howls and screams. It was unbearable."

Witnesses said that the band had repeatedly urged fans to pull back from the stage before the accident occurred.

A police spokesman said that altogether 26 people had undergone hospital treatment, and three had been seriously injured.

In a statement, Pearl Jam said: "There are absolutely no words to express our anguish" over the deaths, which it called a "horrible nightmare".

<http://news.bbc.co.uk/1/hi/world/europe/814116.stm>

2. HSE advice is that the physical features of a venue that may lead to overcrowding and possible injury. These include:

- steep slopes dead ends,
- locked gates
- convergence of several routes into one uneven or slippery flooring or steps

The potential for injury increases in some situations. Potential hazards requiring identification and management control include:

- reverse or cross flows in a dense crowd,
- flows which are obstructed by queues or gathering crowds,
- large pedestrian flows mixing with animals or traffic,
- moving attractions within a crowd

Extension activity (optional)

You can find out more about electrical safety at home and in the workplace and related links by going to www.230volts.org.uk .

Worksheet: WRL – Health & Safety.

School / Classroom		
Step 1	Identify the hazards.	
Step 2	Decide who might be harmed and how.	
Step 3	Evaluate the risks and decide on precautions.	
Step 4	Record your findings and implement them.	
Step 5	Review your assessment and update if necessary.	

Home		
Step 1	Identify the hazards.	
Step 2	Decide who might be harmed and how.	
Step 3	Evaluate the risks and decide on precautions.	
Step 4	Record your findings and implement them.	
Step 5	Review your assessment and update if necessary.	