

## LESSON PLAN

Name: Henry Higgins

Year: Year 10

Date: 29<sup>th</sup> April, 2019

Subject: Workshop Management

Supervisor: Peter Beamish

Topic: Workplace Safety

### Lesson Focus

The purpose of this lesson is to teach workplace safety through the ICT medium of Podcasting.

### Lesson Context

This lesson is in a series of lessons covering working safely in the workshop. In the previous lesson the class learnt about the Personal Protective Equipment needed for the workshop and common OHS safety terms. In the following double period lesson they will begin their practical workshop projects after doing their OnGuard assessments.

### Outcome Indicators

On completing this lesson, students should be able to:

- Identify common workshop hazards and how to minimise them
- Identify the basic safety procedures to operate each workshop machine that they will be using.
- Explain the basic maintenance of each workshop machine in the area of workplace safety
- Describe what correct Personal Protective Equipment (PPE) looks like
- Produce a quality creative Podcast on PPE and one of the woodworking machines commonly used
- Learn how to use the app Anchor to produce a quality Podcast and how to share it with others

### Content

- Common workshop hazards and how to minimise them
- Basic safety procedures to operate each workshop machine that they will be using.
- Basic maintenance of each workshop machine in the area of workplace safety
- Personal Protective Equipment (PPE) - what it looks like
- Podcasting - benefits, what it looks like, how it will be used in this class
- Iphone/Ipad app: Anchor - how to use it to make a Podcast

### Learning Resources/Tools

- Handout on Workshop safety that covers all of the main points the students need to know
- Projector for teacher (powerpoint)
- iPhones/iPads for the students to use to download the Anchor app

### Introduction: (Hook/Context/Structure/Relevance) 3 minutes max

(0-4) – Hook/Relevance/Context/Structure – REVIEW: Last week we covered what PPE is all about. Ask the question, Who can tell me what is some of the equipment of PPE? After reviewing it, state that today we will be consolidating all that we know about workshop safety in a special podcast that each of you will make! This way you can share it to all your friends about how safe you will be in the workshop!

### Teaching Plan:

(5-15) - EXPOSITION/REVIEW - Review all of the main parts covered in previous lessons on workshop safety. These include:

- Personal Protective Equipment (PPE) - go through all the different parts of PPE, what is good and what isn't
- Common OHS safety terms, such as what is a risk hazard, trip hazard, what causes cuts, bruises, burns, lacerations, etc., in the workshop.
- Review on the main machines to be used in the workplace and their safety hazards and how to look after them and maintain them
- Review on other more specific safety considerations for each machine and tool.

(15-20) – BROADCAST – Introduce the idea of Podcasts and how it works. Play a demonstration short podcast that you did to show one in action, and state they will do a similar one themselves using an application called Anchor.

(20-25) - EXPOSITION - Relate the effectiveness of Podcasts in dissipating information quickly to a wide audience. State the main features of a Podcast. They are:

- short
- catchy tune at beginning and end
- interesting and catchy content

(25-35) - CLASS WORK TIME - Ask them to get their iPhone/iPad ready and download the Anchor app. Once downloaded they are to work individually to put together a script that will go for 2-3 minutes long (about 400 words).

(36-40) - DEMONSTRATION - Demonstrate how to use Anchor to record a simple Podcast, and how to choose music to overlay in intro and conclusion.

(41-51) - CLASS WORK TIME - Have the students record their own Podcasts on PPE and Workplace safety and upload them for all to listen to.

Lesson Conclusion: (How will you bring the lesson to a conclusion ie HEARD)

(52-55) – Conclude the class by the following

- Review and evaluation – Refresh on their learning of workshop safety and how to use Podcasts
- Homework – if the Podcast is not complete and uploaded, it needs to be by Monday next week other detention!
- Affirm – Well done for good behaviour (if such is the case)
- Direct – Briefly inform students that the next class is their practical - bring the right shoes now!

Personal Evaluation: