

Technology-enhanced Learning - Activity Plan

Name: *Jane Bweendo*

Grade / Course: *Commerce 12*

Length of Activity: *60 minutes*

Lesson Summary:

Students will review the effects of production and commercial activities on the environment. Students will also develop a sense of responsibility on how to protect the environment.

Lesson Objective:

To engage students in a collaborative process of identifying and explaining the effects of production and commercial activities on the environment and ways of mitigating these effects.

Resources/Technology – Teacher

Production and the environment Online Resources

- <http://en.m.wikipedia.org> “Environmental Impact of Agriculture”
- <http://www.dummies.com/home-garden/green-living> “How-businesses-affect-the-environment”

Youtube video - Dont waste your waste

Projector/Whiteboard

Laptop

Resources/Technology – Students

Production and the environment Online Resources

- <https://www.conserve-energy-future.com> ”Causes-and-effects-of-environmental-pollution”
- <https://www.conserve-energy-future.com> “Top-25-environmental-concerns”

Mobile Phone or Student Laptop, and access to the internet.

Intended Learning Outcomes

- Students will identify the effects of production on the environment.
- Students will explain the effects of production on the environment.
- Students will describe the possible solutions to environmental effects.

Instructional Activities

The teacher to take students on a field trip to a mine and instruct learners to take pictures of any scene they consider to be a hazard to the environment using mobile phones. Teacher to ask them to compare pictures in groups, interpret the hazards (effects) and write them down (15 minutes). Teacher to provide students with web links to the resources, ask them to add to their list of effects and make presentations using the computer, projector and whiteboard (group). Teacher to point out the salient points of each presentation. Teacher to present the video to the whole class and ask students to take note of the solutions to environmental effects. Students are given time to complete the instructional activities. (45 minutes)

Learner Assessment

Students to identify and explain at least three effects and four possible solutions to production effects on the environment.