Agriculture Education
Cycle Theme: Transcendence
Academic Content Lesson for PPE

Montessori Lesson Plan

School: Gamble Montessori High School	Teacher: Mary Dudley
Subject/Topic(s): Agriculture Education / Applications of Food Science and Safety Personal Protective Equipment	
Grade Levels: 9-12	Theme: Transcendence

Standards/Objectives

Outcome 1.12 Site and Personal Safety Procedures: Follow site and personal safety procedures in specific situations with specialized tools and equipment, evaluate the situation and take corrective action.

Competencies:

- 1.12.7. Select, use, store, maintain and dispose of personal protective equipment (PPE), appropriate to job tasks, conditions and materials.
- 1.12.8. Identify safety hazards and take corrective measures.

Materials: Teacher	Materials: Student	Time/Dates
• Wifi & AV to show Schoology resources	• Laptop & WiFi • PPE Presentation • Google doc template • Peer evaluation rubric	• August 30, 2019

Facts/Skills (Prior Knowledge)	Concepts/Big Ideas
• How to listen to directions • How to use Schoology • How to create a Google doc • How to copy/paste from a search	• Being prepared • Helping others in the community • Identifying safety hazards • Protecting your physical body

Lesson Relates to Theme (Note: Every content lesson will not directly relate to the theme) N/A

Connection to Elementary Material or Lesson N/A

Curriculum Components Included: ✔ Project ❑ Mini-Whole Grp ❑ Lesson-Small Grp ✔ Student engagement during lesson ✔ Shelf work ❑ Rubric ❑ Self-Assessment ❑ Seminar/Qs ❑ Interdisciplinary ❑ Outside Opportunity

Seven Gateways for Adolescence addressed in this lesson: ❑ Deep Connection ❑ Silence & Solitude ❑ Meaning & Purpose ❑ Joy & Delight ✔ Creative ✔ Transcendence ❑ Initiation

Step-by-Step Procedures

1st Period Lesson – 20 minutes (Include steps and materials)

- Teacher walks into the room with a full beekeeper suit to pique student interest
- Teacher delivers four PPE items to each table (face mask, gloves, goggles, ear plugs)
- Teacher asks students what PPE means
- Teacher introduces students to their task which is to use the PPE presentation on Schoology to research four different types of PPE and put them into a Google doc
- Teacher will skim through the presentation with students and give a demonstration of how to format their Google doc

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- Students will present their work to a peer at a different table who will evaluate their work using a rubric
- When students are done they will answer the question of how PPE relates to transcendence by writing their idea on a post it note and placing it on the board.

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2nd Period – Recognition (Shelfwork)

- Matching PPE images to labels
- Identifying situations in which PPE would be needed

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2nd Period – Recall Practice

- Evaluating a peer's Google doc using a rubric

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3rd Period – Student Application

- Students will be presented with written scenarios in which they will need to determine which PPE would be required

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Teaching

- Whole group lecture
- Schoology presentation

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Work

- Individual research
- Student choice of elements to include while creating their Google doc

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Assessment

- Verbal Q & A with teacher
- PPE Google doc

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<tr><td colspan="3">Outside Support: Who, What, How N/A</td></tr>
<tr><td colspan="3">Formal Assessments</td></tr>
<tr><td colspan="3">Formative Assessments: teacher observation, group observation, peer evaluation</td></tr>
<tr><td colspan="3">Summative Assessment: verbal Q & A, PPE Google doc</td></tr>
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