Agriculture Education
Cycle Theme: Transcendence
Content Lesson #1: Montessori Material

Montessori Lesson Plan

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

Standards/Objectives
- Connect students to the timeline of agriculture
- Emphasize the idea that humans have transcended the limitations of nature to establish agriculture through technology

Materials: Teacher	Materials: Student	Time/Dates
• Mammals Who Morph book by Jennifer Morgan & Dana Andersen	• Mammals who Morph card sort w/timeline • Comic strip homework	• August 23, 2019

Facts/Skills (Prior Knowledge)	Concepts/Big Ideas
• How to listen to directions • How to access shelf work	• Our place in the universe • Agricultural evolution

Lesson Relates to Theme (Note: Every content lesson will not directly relate to the theme)
- Humans have used technology to transcend the limitations of nature to cultivate foods

Connection to Elementary Material or Lesson Great Lesson connection: Mammals who Morph is a text used by 9-12 classrooms around the world to illustrate the third great lesson (*The Coming of Humans*)

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 turns down lights and has students sit on a rug to view the low table and conducts a Montessori lesson on a low table with the timeline materials	
2nd Period – Recognition (Shelfwork) • Card sort from Mammals who Morph text	2nd Period – Recall Practice • Matching events on timeline using textbook images & prompts
3rd Period – Student Application • Students will engage with prepared shelf work that helps them analyze loose timelines about creation and recent historical events • Students will complete a comic strip that will allow them to demonstrate their understanding of the origins of agriculture	

Plan for Differentiation		
Teaching	Work	Assessment

Small group lesson	Card sort, matching	Comic strip timeline submission
Outside Support: Who, What, How N/A		
Formal Assessments		
Formative Assessments: teacher observation, peer evaluation		
Summative Assessment: submitted comic strip timeline		