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|  | **Agricultural Science Dept.  Mr. Jason Hovell** | **Week #2**  **Week of Sep. 9th -13th, 2013** |  | | | |
|  | **Plant & Soil Science** | **Science 7** | **Food Science & Processing** | **Small Engines** | **Wildlife, Forestry & Aquaculture**  **Instructional Strategies:**  **Resources:**  **Task/Activity/Assignment:** | **Exploring Ag 8** |
| **Monday** | **Objective:** Students learn where to find classroom supplies & what to do in emergencies.  **Instructional Strategies:**  Small Group / Teacher led  **Task/Activity/Assignment:**  -Finish/Correct Tour of Ag. Science Dept. Activity  -Discuss Blog Post etiquette  **Resources:** Wksht, Computer | **Objective:** Students learn where to find classroom supplies & what to do in emergencies.  **Instructional Strategies:**  Small Group / Teacher led  **Task/Activity/Assignment:**  -Finish/Correct Tour of Ag. Science Dept. Activity  -Discuss Blog Post etiquette  -Directions for Blog Posting  **Resources:** Wksht, Computer Cart | **Objective:** Students learn where to find classroom supplies & what to do in emergencies.  **Instructional Strategies:**  Small Group / Teacher led discussion  **Task/Activity/Assignment:**  -Finish/Correct Tour of Ag. Science Dept. Activity  -Discuss Blog Post etiquette  -Issue Texts & cover  **Resources:** Wksht, Computer | **Objective:** Students learn where to find classroom supplies & what to do in emergencies.  **Instructional Strategies:**  Small Group / Teacher led  **Task/Activity/Assignment:**  -Finish/Correct Tour of Ag. Science Dept. Activity (46 Pts).  -Discuss Blog Post etiquette  -Assign Textbooks  **Resources:** Wksht, Computer | **Objective:** Students learn where to find classroom supplies & what to do in emergencies.  **Instructional Strategies:**  Small Group / Teacher led  **Task/Activity/Assignment:**  -Finish/Correct Tour of Ag. Science Dept. Activity (46 Pts).  -Discuss Blog Post etiquette  **Resources:** Wksht, Computer | **Objective:** Students learn where to find classroom supplies & what to do in emergencies.  **Instructional Strategies:**  Small Group / Teacher led  **Task/Activity/Assignment:**  -Finish/Correct Tour of Ag. Science Dept. Activity (46 Pts).  -Discuss Blog Post etiquette  **Resources:** GPS Units |
| **Tuesday** | **Objective:**  -Learn 5 kingdoms of life.  -Learn how plants have evolved  -Learn roles of plants in society  **Instructional Strategies:**  -Teacher led class discussion  **Task/Activity/Assignment:**  **-**Distribute Textbooks, Cover  -  **Resources:** Text, LCD projector | **Objective:**  **-**Learn Definitions of individual, population, community, ecosystem, biotic, abiotic  -Note taking strategies  **Instructional Strategies:**  -Teacher Led, Small Groups  **Task/Activity/Assignment:**  **-**Note taking procedures  -Introduce Card Sort Activity  **Resources:** -Foss Overheads, projector  -Card sort cards | **Objective:**  -Define Food Science, Compare/Contrast Food Availability & price, Compare/contrast basic science vs. Applied Science  **Instructional Strategies:**  Small Group / Teacher led discussion  **Task/Activity/Assignment:**  -Issue Tex, Cover  **Resources:** Text, Twinkies, Lighter | **Objective:**  **-**Contrast Internal vs. External Combustion Engines  -Contrast Shaft orientation  -Discuss (in)efficiency of fuels in engines.  **Instructional Strategies:**  -Teacher led  **Task/Activity/Assignment:**  -Notes/Worksheet  **Resources:** Text. Pages 1-4 | **Objective:**  **-**Classify 20 plants using taxonomy  **Instructional Strategies:**  -Individual & Small Group Learning  **Task/Activity/Assignment:**  Tree/Leaf ID Project   **Resources:** Trees, Leave, resource books AES: D.12.1, D.12.2, D.12.4 SES: F.12.4 | **Objective:** Learn about & how to use GPS/GIS Technology  **Instructional Strategies:**  Notes about GPS/GIS  **Task/Activity/Assignment:**  -Notes about GPS/GIS History/Use  -Practice Creating Waypoints  **Resources:** GPS Units |
| **Wednesday** | **Objective:**  **-**Learn Plant taxonomy classification systems.  **Instructional Strategies:**  -Teacher led class discussion  **Task/Activity/Assignment:**  **Resources:** Text, LCD projector | **Objective:**  **-**Learn Definitions of individual, population, community, ecosystem, biotic, abiotic  -Note taking strategies  **Instructional Strategies:**  -Teacher Led, Small Groups  **Task/Activity/Assignment:**  **-**Note taking procedures  -Finish Card Sort Activity  - Assignment: Read Pg. 6-7 & Do ?’s for HW  **Resources:** -Foss Overheads, projector  -Card sort cards | **Objective:**  -Compare/Contrast preservation vs. deterioration  -Learn function of enzymes in fruits  **Instructional Strategies:**  Small Group / Teacher led discussion  **Task/Activity/Assignment:**  **-**Compare/Contrast preservation vs. deterioration  -PP Discussion  -Tomato Enzyme Lab Setup. Day 1  -Pg. 11 (1-5)  **Resources:**  Tomatoes, LCD Projector, Notes | **Objective:** Learn about evolution of engines throughout history  **Instructional Strategies:**  -Small Group Project  **Task/Activity/Assignment:**  -Engine History Project  **Resources:** Internet, computer, posterboard | **Objective:**  **-**Classify 20 plants using taxonomy  **Instructional Strategies:**  -Individual & Small Group Learning  **Task/Activity/Assignment:**  Tree/Leaf ID Project   **Resources:** Trees, Leave, resource books AES: D.12.1, D.12.2, D.12.4 SES: F.12.4 | **Objective:** Learn about & how to use GPS/GIS Technology  **Instructional Strategies:**  Small Group Exploration  **Task/Activity/Assignment:**  GPS Assignment #1  **Resources:** GPS Units |
| **Thursday** | **Objective:**  **-**Learn Plant taxonomy classification systems.  **Instructional Strategies:**  -Teacher led class discussion  -Small Group Classification Activity  **Task/Activity/Assignment:**  -Odds & Ends classification activity  **Resources:** Text, LCD projector, assorted nuts, bolts, paperclips, etc. | **Objective:**  **-**Learn Definitions of individual, population, community, ecosystem, biotic, abiotic  -Procedures for using Mastery Connect quiz tomorrow  **Instructional Strategies:**  -Teacher Led, Individual Assessment  **Task/Activity/Assignment:**  **-**Inv. 2 Wksht  -Review for Quiz  **Resources:**-Inv. 2 Wksht | **Objective:**  -Compare/Contrast food scientist vs. food technologist  -Learn the scientific method  **Instructional Strategies:**  Small Group / Teacher led discussion  **Task/Activity/Assignment:**  Continue Tomato Enzyme Lab (Day 2)  6 Areas of Careers in Food Science  **Resources:**  Tomatoes, LCD Projector, Notes | **Objective:** Learn about evolution of engines throughout history  **Instructional Strategies:**  -Small Group Project  **Task/Activity/Assignment:**  -Engine History Project  **Resources:** Internet, computer, posterboard | **Objective:**  **-**Classify 20 plants using taxonomy  **Instructional Strategies:**  -Individual & Small Group Learning  **Task/Activity/Assignment:**  Tree/Leaf ID Project   **Resources:** Trees, Leave, resource books AES: D.12.1, D.12.2, D.12.4 SES: F.12.4 | **Objective:** Learn about & how to use GPS/GIS Technology  **Instructional Strategies:**  Small Group Exploration  **Task/Activity/Assignment:**  GPS Assignment #2  **Resources:** GPS Units |
| **Friday** | **Objective:**  -Be able to classify 10 plants by plant taxonomy system.  **Instructional Strategies:**  -Individual Plant ID Project  **Task/Activity/Assignment:**  Discuss Procedures for assignment  Assign Taxonomy Assignment  **Resources:** Plant ID Assignment Handout,resource books | **Objective: -**Learn Definitions of individual, population, community, ecosystem, biotic, abiotic -Procedures for using Mastery Connect  **Instructional Strategies:** -Teacher Led, Individual Assessment  **Task/Activity/Assignment: -**Correct/Discuss Book Assignment Answers -Formative Quiz- Mastery Connect  **Resources:** -Mastery Connect, IPad | **Objective:** -Learn the scientific method  -Learn and give examples of food line extensions  **Instructional Strategies:**  Small Group / Teacher led discussion  **Task/Activity/Assignment:**  -Food Science Issues -Day 3: Tomato Enzyme Lab Experiment -Review Scientist/Technologist Assignment from yesterday -Food Science video clip Assignment: Pg. 27 (1-10)  **Resources:**  Tomatoes, LCD Projector, Notes | **Objective:** Learn about evolution of engines throughout history  **Instructional Strategies:**  -Class Presentations  **Task/Activity/Assignment:**  -Class Presentations  **Resources:** Internet, computer, posterboard | **Objective:**  **-**Classify 20 plants using taxonomy  **Instructional Strategies:**  -Individual & Small Group Learning  **Task/Activity/Assignment:**  Tree/Leaf ID Project   **Resources:** Trees, Leave, resource books AES: D.12.1, D.12.2, D.12.4 SES: F.12.4 | **Objective:** Learn about & how to use GPS/GIS Technology  **Instructional Strategies:**  Small Group / Teacher led  **Task/Activity/Assignment:**  Download GPS Data into Google Earth  **Resources:** GPS Units |