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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 booksAES: D.12.1, D.12.2, D.12.4SES: 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 booksAES: D.12.1, D.12.2, D.12.4SES: 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 booksAES: D.12.1, D.12.2, D.12.4SES: 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 assignmentAssign 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 clipAssignment: 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 booksAES: D.12.1, D.12.2, D.12.4SES: 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 |