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|  | **Agricultural Science Dept.  Mr. Jason Hovell** | **Week #6**  **Week of Oct. 7th – 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:** Learn the origins of common worldwide foods.  **Instructional Strategies:**  -Individual Assignment / Student Presentations  **Task/Activity/Assignment:**  5 Crops of the Future Project Presentation Ch. 2 (1-15)  **Resources:** Computer, LCD Projector, Text | **Objective:** Understand the 4 trophic levels of life.  **Instructional Strategies:**  -Teacher led discussion  **Task/Activity/Assignment:**  -Observe Milkweed Bugs  -Correct Wksht Assignment  -10% Rule Review/ Wksht Assignment #2  **Resources:** Wksht | **Objective:** Students learn parts of a cereal grain, and the process used to make flour.  **Instructional Strategies:**  Traditional Teacher Led w/ student monitoring  **Task/Activity/Assignment:**  Food Science Issues  Ch. 14: Cereal Industry (284-294)  -Flour Mill Tour Clip  Assignment: pg. 295 (1-10)  AES: C.12.2  ITL: A.12.3, A.12.5, C.12.1  **Resources:** | **Objective:** Learn to identify the names of 60 common small engines tools.  **Instructional Strategies:**  Individual/Small Group Exploration    **Task/Activity/Assignment:**  Interactive CD Features: Flash Cards  AES:B.12.1, D.12.4 TES: B.12.8, C.12.9, D.12.1  **Resources :**Text, Wksht Tools | **Objective:**  **-**Learn to use forestry Measuring Equipment  **Instructional Strategies:**  -Individual & Small Group Learning  **Task/Activity/Assignment:**  -Hypsometer/Biltmore Stick Timber Cruising Lab -Increment Borer Lab- Tree Aging Lab   **Resources:** Measuring Equipment  AES: D.12.1, D.12.2, D.12.4 SES: F.12.4 | **Objective:** Learn to identify the names of 50 common small engines tools.  **Instructional Strategies:** Individual Assessment  **Task/Activity/Assignment:**  Tool ID Assignment  AES:B.12.1, D.12.4 TES: B.12.8, C.12.9, D.12.1  **Resources:** Text, Wksht Tools |
| **Tuesday** | **Objective:** Learn parts of a complete flower.  **Instructional Strategies:**  Teacher Led Class  **Task/Activity/Assignment:**  -Flower Parts Notes  **Resources:** Flower Part PP | **Objective:** To assess students’ knowledge of food web/food chain organization.  **Instructional Strategies:**  Individual assessment  **Task/Activity/Assignment:**  -Students take assessment  -Insect habitat care  -Exam Feedback/Corrections, if needed  **Resources:** Assessment, Text, bug habitat | **Objective:** Students learn science behind fermentation/bread rising.  **Instructional Strategies:** Small Group Lab  **Task/Activity/Assignment:**  Bread Lab (Foods Room)  AES- A.12.2  ITL- B.12.5, B.12.8  **Resources:** Ingredients, Bags, Lab Sheets | **Objective:** Learn to identify the names of 60 common small engines tools.  **Instructional Strategies:** Individual/Small Group Exploration  **Task/Activity/Assignment:**  Small Engine Tool ID  AES:B.12.1, D.12.4 TES: B.12.8, C.12.9, D.12.1  **Resources:** Text, Wksht Tools | **Objective:** To learn 6 common invasive species found within Wisconsin (oak wilt, gypsy moth, Eurasian milfoil, purple loosestrife, zebra mussels, Emerald Ash Borer).  **Instructional Strategies:**  Group Project  **Task/Activity/Assignment:**  -Forest Invasive Species Project  **Resources:** Invasives Resources, Computers, Directions Sheet | **Objective:** Learn to identify the names of 50 common small engines tools.  **Instructional Strategies:** Individual Assessment  **Task/Activity/Assignment:**  Tool ID Assignment  AES:B.12.1, D.12.4 TES: B.12.8, C.12.9, D.12.1  **Resources:** Text, Wksht Tools |
| **Wednesday** | **Objective:** Learn parts of a complete flower.  **Instructional Strategies:**  Individual Lab  **Task/Activity/Assignment:**  -Flower Dissection Lab  **Resources:** Scalpels, dissection pans, flowers | **Objective:**. Students will be able to calculate the calorie content in food through labwork, and to recognize that food contains energy.  **Instructional Strategies:**  Individual observations & small groups  **Task/Activity/Assignment:**  -Quick Write “How does your body get energy to do what you want it to do?”  -Discuss Burning Lab Procedures & Safety  **Resources:** cheese balls, foil, matches, stands. Lab sheets | **Objective:** -Students are able to explain effects of a variable (flour) in bread lab.  **Instructional Strategies:**  Small Group / Teacher led discussion  **Task/Activity/Assignment:**  Bread Tasting Lab  AES- A.12.2, D.12.6  ITL-B.12.1, B.12.5  **Resources:** Textbook. Lab sheet | **Objective:** Learn to identify the names of 60 common small engines tools.  **Instructional Strategies:** Individual Assessment  **Task/Activity/Assignment:**  Small Engine Tool ID Quiz  AES:B.12.1, D.12.4 TES: B.12.8, C.12.9, D.12.1  **Resources:** Text, Wksht Tools | **Objective**: To learn 6 common invasive species found within Wisconsin (oak wilt, gypsy moth, Eurasian milfoil, purple loosestrife, zebra mussels, Emerald Ash Borer).  **Instructional Strategies:**  Group Project  **Task/Activity/Assignment:**  -Forest Invasive Species Project  **Resources:** Invasives Resources, Computers, Directions Sheet | **Objective:** Learn to identify the names of 50 common small engines tools.  **Instructional Strategies:** Individual Assessment  **Task/Activity/Assignment:**  Tool ID Quiz & Activity  AES:B.12.1, D.12.4 TES: B.12.8, C.12.9, D.12.1  **Resources:** Text, Wksht Tools |
| **Thursday** | ACT Testing | **Objective:**. Students will be able to calculate the calorie content in food through labwork, and to recognize that food contains energy.  **Instructional Strategies:**  Individual observations & small groups  **Task/Activity/Assignment:**  -Quick Write “How does your body get energy to do what you want it to do?”  -Discuss Burning Lab Procedures & Safety  **Resources:** cheese balls, foil, matches, stands. Lab sheets | ACT Testing | **No School** | **No School** | **No School** |
| **Friday** | **No School** | **No School** | **No School** | **No School** | **No School** | **No School** |