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|  | **Agricultural Science Dept.  Mr. Jason Hovell** | **Week #23**  **Week of Feb 10-14, 2014** |  | | | |
|  | **Plant & Soil Science** | **Science 7** | **Landscape Design & Construction** | **Wildlife, Forestry & Aquaculture** | **Small Engines/Renewable Energy**  **Instructional Strategies:**  **Resources:**  **Task/Activity/Assignment:** | **Exploring Ag** |
| **Monday** | **Objective:** Students can identify considerations when building a greenhouse.  **Instructional Strategies:** Student Research  **Task/Activity/Assignment:**  Greenhouse Design Project  -Glazing, benches, styles  **Resources:** Greenhouse Resource Links | **Objective:** Students can draw a basic electronics schematic.  **Instructional Strategies:**  Teacher Instruction/Students Exploration  **Task/Activity/Assignment:** -Review Aquarium Light Problems Worksheet  **Resources :** Batteries, lamps, blue springboards, overheads, Reading | **Objective:** Students can use appropriate penmanship to add detail of lettering to their landscape designs.  **Instructional Strategies:** Student Drafting Time  **Task/Activity/Assignment:**  Lettering Assignment  **Resources:** Scales, paper, assignment  AES:D.12.4 ITL:C.12.1, D.12.1 | **Objective:** Students can distinguish and provide examples of real vs. fiction in terms of deer behavior.  **Instructional Strategies:**  -Student Critique Video Clips  **Task/Activity/Assignment:**  Whitetail Unit- Bambi Syndrome Activity- Separating Fiction from Reality  **Resources :** -Deer Education Trunk | **Objective:**  Students can explain the fermentation process in terms of how it relates to ethanol production.  **Instructional Strategies:**  Students in lab/shop  **Task/Activity/Assignment:**  Ethanol Fermentation Lab  **Resources:** Tools, online manuals, safety glasses. | **No Class-** All Students at Forensics**!** |
| **Tuesday** | **Objective:** Students can identify considerations when building a greenhouse.  **Instructional Strategies:** Student Research  **Task/Activity/Assignment:**  Greenhouse Design Project  -Glazing, benches, styles  **Resources:** Greenhouse Resource Links | Objective: Students can explain the differences between a parallel and series circuit.  Instructional Strategies:  Teacher Instruction/Student Exploration Lab  Task/Activity/Assignment: -Inv. #1 Assessment  -Begin Inv. #2- Resistors  ---Inquiry Learning- Find what resistors do in a circuit  Resources : Batteries, lamps, blue springboards, overheads | **Objective:** Students can use appropriate penmanship to add detail of lettering to their landscape designs.  **Instructional Strategies:** Student Drafting Time  **Task/Activity/Assignment:**  Lettering Assignment  **Resources:** Scales, paper, assignment  AES:D.12.4 ITL:C.12.1, D.12.1 | **Objective:** Students can distinguish and provide examples of real vs. fiction in terms of deer behavior.  **Instructional Strategies:**  -Student Critique Video Clips  **Task/Activity/Assignment:**  Whitetail Unit- Bambi Syndrome Activity- Separating Fiction from Reality  **Resources :** -Deer Education Trunk | **Objective:** Students will complete a small engine project.  **Instructional Strategies:**  Students in lab/shop  **Task/Activity/Assignment:**  Small Engine Projects  **Resources:** Tools, online manuals, safety glasses. | **Objective:** Students learn parliamentary procedure.  **Instructional Strategies:**  Individual/Small Group Assessment    **Task/Activity/Assignment:** -Parliamentary Procedure Oral Test-out  **Resources :**Parli Pro Green Sheet & Orange Sheet |
| **Wednesday** | **Objective:** Students can identify considerations when building a greenhouse.  **Instructional Strategies:** Student Research  **Task/Activity/Assignment:**  Greenhouse Design Project  -Glazing, benches, styles  **Resources:** Greenhouse Resource Links | **Objective:** Students can wire a switch into an electronic pathway. Students can conclude whether an item is an insulator or a conductor.  **Instructional Strategies:**  Teacher Instruction/Students Exploration  **Task/Activity/Assignment:** Resistor Investigation  **Resources :** Batteries, lamps, blue springboards, overheads, Reading | **Objective:** Students can use appropriate penmanship to add detail of lettering to their landscape designs.  **Instructional Strategies:** Student Drafting Time  **Task/Activity/Assignment:**  Lettering Assignment  **Resources:** Scales, paper, assignment  AES:D.12.4 ITL:C.12.1, D.12.1 | **Objective:** Students can distinguish and provide examples of real vs. fiction in terms of deer behavior.  **Instructional Strategies:**  -Students type responses  **Task/Activity/Assignment:**  Whitetail Unit- Bambi Syndrome- Type up responses in paragraph form in Microsoft Word.  **Resources :** -Deer Education Trunk- | **Objective:** Students will complete a small engine project.  **Instructional Strategies:**  Students in lab/shop  **Task/Activity/Assignment:**  Ethanol Production Lab | **Objective:** Students learn parliamentary procedure.  **Instructional Strategies:**  Individual/Small Group Assessment    **Task/Activity/Assignment:** -Parliamentary Procedure Oral Test-out  **Resources :**Parli Pro Green Sheet & Orange Sheet |
| **Thursday** | **Objective:** Students can identify considerations when building a greenhouse.  **Instructional Strategies:** Student Research  **Task/Activity/Assignment:**  Greenhouse Considerations Assignment  **Resources:** Wksht | **Objective:** Students can find a short circuit in a technical diagram.  **Instructional Strategies:**  Teacher Instruction/Students Exploration  **Task/Activity/Assignment:** Decoding Resistors- Discuss Ohms, Color Code  **Resources :**  Electronics Supplies | **Objective:** Students can apply the fermentation equation learned in food science to make root beer.  **Instructional Strategies:** Teacher led practice  **Task/Activity/Assignment:**  Fermentation Lab- Root Beer  **Resources:** sugar, bucket, yeast,, extract, recipe | **Objective:** Students can explain the factors that affect deer population.    **Instructional Strategies:**  -Group Inquiry Based Activity  **Task/Activity/Assignment:**  -Deer Distribution/Population Density Lab- Day #1    **Resources :** Deer Education Trunk | **Objective:** Students will complete a small engine project.  **Instructional Strategies:**  Students in lab/shop  **Task/Activity/Assignment:**  Ethanol Production Lab | **Objective:** Students learn parliamentary procedure.  **Instructional Strategies:**  Individual/Small Group Practice    **Task/Activity/Assignment:** -Written Parliamentary Procedure Test  **Resources :** Test |
| **Friday** | **Objective:** Students can identify considerations when building a greenhouse.  **Instructional Strategies:** Student Research  **Task/Activity/Assignment:**  Greenhouse Design Project  -Glazing, benches, styles  **Resources:** Greenhouse Resource Links | **Objective:** Students can find a short circuit in a technical diagram.  **Instructional Strategies:**  Teacher Instruction/Students Exploration  **Task/Activity/Assignment:** Inv. 2- Measuring Resistance  **Resources :**  Electronics Supplies | **Objective:** Students can apply the fermentation equation learned in food science to make root beer.  **Instructional Strategies:** Teacher led practice  **Task/Activity/Assignment:**  Fermentation Lab- Root Beer | **Objective:** Students can explain the factors that affect deer population.    **Instructional Strategies:**  -Group Inquiry Based Activity  **Task/Activity/Assignment:**  -Deer Distribution/Population Density Lab- Day #2    **Resources :** Deer Education Trunk | **Objective:** Students will complete a small engine project.  **Instructional Strategies:**  Students in lab/shop  **Task/Activity/Assignment:**  Small Engine Projects  **Resources:** Tools, online manuals, safety glasses. | **Objective:** Students can locate and describe the flowering structures of plants.  **Instructional Strategies:**  Class participation  **Task/Activity/Assignment:** Plant Parts & Functions  **Resources :**notes |