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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.12.4ITL: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 LabTask/Activity/Assignment:-Inv. #1 Assessment-Begin Inv. #2- Resistors---Inquiry Learning- Find what resistors do in a circuitResources : 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.12.4ITL: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.12.4ITL: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 |