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|  | **Agricultural Science Dept.  Mr. Jason Hovell** | **Week #21**  **Week of Jan. 27-31, 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 describe light quality and light intensity, and list factors to consider when using artificial illumination.  **Instructional Strategies:**  Student Lab  **Task/Activity/Assignment:**  Set up Light Lab Experiment  **Resources:** Light bulbs, fixtures, create lab sheets | **Objective:** Students will be able to show comprehension and application of semester objectives on summative exam.  **Instructional Strategies:** Students make test corrections.  **Task/Activity/Assignment:**  -Test corrections  -Collect Books  -Introduce Electronics if time permits  **Resources :** Tests graded | **Objective:** Student can draft a landscape plan to scale using the engineer scale.  **Instructional Strategies:** Student Drafting Time  **Task/Activity/Assignment:**  Begin Exercise #2- Engineer Scale Drafting  AES:D.12.4 ITL:C.12.1, D.12.1  **Resources:** Scales, paper, assignment | **Objective:** As a class, students can construct a timeline showing the relationship with deer throughout Wisconsin’s history through the last 350 years.  **Instructional Strategies:**  -Group Activity  **Task/Activity/Assignment:**  Whitetail Deer Kit Lesson #2- Wi Hunting Timeline (pg. 11)  **Resources :** Deer Education Truck- Lesson # 2 Supplies- | **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 Exploration    **Task/Activity/Assignment:** -Parliamentary Procedure- Main Motion  **Resources :**Parli Pro Green Sheet & Orange Sheet |
| **Tuesday** | **Objective:** Students can describe light quality and light intensity, and list factors to consider when using artificial illumination.  **Instructional Strategies:**  Student Lab  **Task/Activity/Assignment:**  Set up Light Lab Experiment  **Resources:** Light bulbs, fixtures, create lab sheets | **Objective:** Students will learn how to complete a circuit using a battery and lamp, and the terms associated with this process.  **Instructional Strategies:**  Teacher Instruction/Student Exploration Lab  **Task/Activity/Assignment:** Introduce Electricity (Natural vs. made by humans)  Electricity Challenge- 1 battery & lamp  -Vocab: Battery, electricity, terminals, circuit, open circuit, closed circuit, current  **Resources :** Batteries, lamps, blue springboards, overheads | **Objective:** Student can draft a landscape plan to scale using the engineer scale.  **Instructional Strategies:** Student Drafting Time  **Task/Activity/Assignment:**  Finish Exercise #2A- Engineer Scale Drafting  AES:D.12.4 ITL:C.12.1, D.12.1  **Resources:** Scales, paper, assignment | **Objective:** Student will chart a year in the life of a whitetail deer.  **Instructional Strategies:**  -Group Activity  **Task/Activity/Assignment:**  Whitetail Deer Kit Lesson #5 “A Year’s Cycle”  **Resources :** Internet, book resources, worksheet , photos | **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 Exploration    **Task/Activity/Assignment:** -Parliamentary Procedure- Main Motion  **Resources :**Parli Pro Green Sheet & Orange Sheet |
| **Wednesday** | **Objective:** Students are assessed on Ch. 12 objectives.  **Instructional Strategies:**  Individual Exam  **Task/Activity/Assignment:**  Ch. 12 Exam  **Resources:** Exam | **Objective:** Students can draw a basic electronics schematic.  **Instructional Strategies:**  Teacher Instruction/Students Exploration  **Task/Activity/Assignment:** -Review terminology from yesterday  -Introduce Spring board  -Students learn to draw electronic schematics  HW: Read- What’s in A Lamp?  **Resources :** Batteries, lamps, blue springboards, overheads, Reading | **Objective:** Student can draft a landscape plan to scale using the architect scale.  **Instructional Strategies:** Student Drafting Time  **Task/Activity/Assignment:**  Begin Exercise #2B- Architect Scale Drafting  AES:D.12.4 ITL:C.12.1, D.12.1  **Resources:** Scales, paper, assignment | **Objective:** Student will chart a year in the life of a whitetail deer.  **Instructional Strategies:**  -Group Activity  **Task/Activity/Assignment:**  Whitetail Deer Kit Lesson #5 “A Year’s Cycle”  -Discuss Correct Cycle in class.  **Resources :** Internet, book resources, worksheet , photos | **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 Exploration    **Task/Activity/Assignment:** -Parliamentary Procedure- Main Motion  **Resources :**Parli Pro Green Sheet & Orange Sheet |
| **Thursday** | **Objective:** Students can describe the 6 steps for germination to occur, and describe the effect that light has on germination.  **Instructional Strategies:**  **Task/Activity/Assignment:**  Ch. 16 Vegetative Growth  -Reading Activity  **Resources:** Ch. 16 text | **Objective:** Students can explain and set up parallel and series circuits.  **Instructional Strategies:**  Teacher Instruction/Students Exploration  **Task/Activity/Assignment:** Introduce Parallel vs. Series circuits  -Student lab setting up both types of circuits  **Resources :**  Electronics Supplies | **Objective:** Student can draft a landscape plan to scale using the architect scale.  **Instructional Strategies:** Student Drafting Time  **Task/Activity/Assignment:**  Finish Exercise #2B- Architect Scale Drafting  AES:D.12.4 ITL:C.12.1, D.12.1  **Resources:** Scales, paper, assignment | **Objective:** Students can discuss the ways deer die and investigate the death of a deer.  **Instructional Strategies:**  -Group Activity  **Task/Activity/Assignment:**  Whitetail Deer Kit Lesson #7- “The Day the Deer Died”  **Resources :** -Deer Education Trunk (book pg. 37) | **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 Exploration    **Task/Activity/Assignment:** -Parliamentary Procedure- Main Motion  **Resources :**Parli Pro Green Sheet & Orange Sheet |
| **Friday** | **Objective:** Students can identify the rile of water in germination, and can explain dormancy.  **Instructional Strategies:**  **Task/Activity/Assignment:**  Ch. 12 Exam  -Assignment Activity  **Resources:** Ch. 16 text | **Objective:** Students will be able to explain the differences between a conductor vs. insulator, and will be able to explain the concept of a switch and short circuit.  **Instructional Strategies:**  Teacher Instruction/Students Exploration / Student Assessment  **Task/Activity/Assignment:** -Assessment: Response Sheet: Circuits  -Discuss Conductor vs. Insulator, though setting up series circuit.  -Introduce concept of a “switch”  Begin introduction of “short circuits”  **Resources :** Electronics Supplies, Straws, Response Sheet | **Objective:** Students learn Landscape Design Processes  **Instructional Strategies:** Video  **Task/Activity/Assignment:**  Video: Landscape Design Process AES:D.12.4 ITL:C.12.1, D.12.1  **Resources:** Video | **Objective:** Students can write an obituary for deer.  **Instructional Strategies:**  -Group Activity  **Task/Activity/Assignment:**  -Deer Education Trunk Activity #8 “Deer Obituary”  -Due Monday  **Resources :** -Deer Education Trunk-Deer Obits Activity Sheet, sample Obituaries | **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 Exploration    **Task/Activity/Assignment:** -Parliamentary Procedure- Main Motion  **Resources :**Parli Pro Green Sheet & Orange Sheet |