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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.12.4ITL: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.12.4ITL: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 schematicsHW: 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.12.4ITL: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.12.4ITL: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 ProcessAES:D.12.4ITL: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 |