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|  | **Agricultural Science Dept.  Mr. Jason Hovell** | **Week #20**  **Week of Jan. 20-24, 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 lamination.  **Instructional Strategies:**  **Task/Activity/Assignment:**  Chapter 12- Wavelength & Sunlight discussion  Photoperiodism  **Resources:** | **Objective:** Students will be able to define and give examples of natural selection.  **Instructional Strategies:** Student Participation/Completion of study guide.  **Task/Activity/Assignment:** -Review Friday’s reading & assignment  -Discuss Study Guide for Final Exam  **Resources :** Text | **Objective:** Students learn class rules & expectations.  **Instructional Strategies:** Teacher Led  **Task/Activity/Assignment:**  Class Rules & Expectations  **Resources:** Class Syllabus | **Objective:** Students will look at the increase and decrease of certain USA wildlife endangered populations.  **Instructional Strategies:**  -Group Activity  **Task/Activity/Assignment:**  -Hand Endangered Species Papers back  -Unendangered Species Video & Assignment  **Resources :** Goal Sheet, Deer Biology Info | **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 classroom rules & expectations.  **Instructional Strategies:**  Individual/Small Group Exploration    **Task/Activity/Assignment:** -Seating Chart  -Rules/Expectations  -Parent Signed Sheet  **Resources :**Syllabus |
| **Tuesday** | **Objective:** Students can explain absorption and reflection, and name all the processes that light can affect.  **Instructional Strategies:**  Teacher Lecture  **Task/Activity/Assignment:**  Teacher Lecture to set students up for tomorrow’s activity.  **Resources:** Text, notes | **Objective:** Students will be able to show comprehension and application of semester objectives on summative exam.  **Instructional Strategies:** Teacher Led/Student small groups  **Task/Activity/Assignment:** -Review for Semester Summative Exam  **Resources :** Study Guide | **Objective:** Students begin learning about the areas of landscape design, maintenance, and construction.  **Instructional Strategies:** Teacher Led  **Task/Activity/Assignment:**  Rules Quiz Collect Parent Signed Rules/Expectations Landscaping Power Circle Activity  **Resources:** Power Circle Questions | **Objective:** Student will learn deer biology & behavior.  **Instructional Strategies:**  -Group Activity  **Task/Activity/Assignment:**  -Goal Setting for 2nd Semester  -Deer Behavior/Leadership Activity  **Resources :** Goal Sheet, Deer Biology Info | **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 Introduction  **Resources :**Parli Pro Green Sheet & Orange Sheet |
| **Wednesday** | **Objective:** Students can set up an Artificial illumination experiment.  **Instructional Strategies:**  Individual Lab Experiment  **Task/Activity/Assignment:**  Artificial Illumination Experiment  **Resources:** Lab Sheets, working internet | **Objective:** Students will be able to show comprehension and application of semester objectives on summative exam.  **Instructional Strategies:** Teacher Led/Student small groups  **Task/Activity/Assignment:** -Review for Semester Summative Exam  **Resources :** Study Guide | **Objective:** Students learn about the areas of landscape design, maintenance, and construction.  **Instructional Strategies:** Individual  **Task/Activity/Assignment:**  Read: Pkt. 4-15 Answer Questions (1-9) Correct Assignment  AES:D.12.4 ITL:C.12.1, D.12.1  **Resources:** Ch. 1 Packet | **Objective:** Student will learn deer biology & behavior.  **Instructional Strategies:**  -Group Activity  **Task/Activity/Assignment:**  -Deer Behavior/Leadership Activity-Presentations  **Resources :** Deer Biology Info | **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 Introduction  **Resources :**Parli Pro Green Sheet & Orange Sheet |
| **Thursday** | **Objective:** Students can give example of Long Day, Short day, and neutral day plants.  **Instructional Strategies:**  **Task/Activity/Assignment:**  Pg. 275 (1-15)  Review for exam  **Resources:** Text | **Objective:** Students will be able to show comprehension and application of semester objectives on summative exam.  **Instructional Strategies:**  Students take exam  **Task/Activity/Assignment:** -Comprehensive Semester Exam  **Resources:** Exam | **Objective:** Students learn the names of landscape drafting supplies, and how to use them.  **Instructional Strategies:** Teacher led  **Task/Activity/Assignment:** - Read Ex. 1: Identifying Material & Equipment (pg 1-8) Assignment: Ex. 1 Evaluation Correct Assignment  AES: B.12.5  **Resources :** Landscape drafting supplies, Ex. 1 Sheet | **Objective:** Student will learn deer biology & behavior.  **Instructional Strategies:**  -Group Activity  **Task/Activity/Assignment:**  -Deer Education Trunk Activity- Deer Vision  **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 Exploration    **Task/Activity/Assignment:** -Parliamentary Procedure- Main Motion  **Resources :**Parli Pro Green Sheet & Orange Sheet |
| **Friday** | **Objective:** Students are assessed on Ch. 12 objectives.  **Instructional Strategies:**  Individual Exam  **Task/Activity/Assignment:**  Ch. 12 Exam  **Resources:** Exam | **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:**  **Instructional Strategies:**  Teacher Led, student participation  **Task/Activity/Assignment:**Assignments:  Engineer Scale Measurement Practice Sheet  Pg. 12 Practice Exercise “B & C”  B.12.5, C.12.2 | **Objective:** Student will learn deer biology & behavior.  **Instructional Strategies:**  -Group Activity  **Task/Activity/Assignment:**  -Deer Education Trunk Activity- Deer Vision  **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 Exploration    **Task/Activity/Assignment:** -Parliamentary Procedure- Main Motion  **Resources :**Parli Pro Green Sheet & Orange Sheet |