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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 discussionPhotoperiodism**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 QuizCollect Parent Signed Rules/ExpectationsLandscaping 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. 4-15Answer Questions (1-9)Correct AssignmentAES:D.12.4ITL: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 EvaluationCorrect AssignmentAES: 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 SheetPg. 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 |