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|  | **Agricultural Science Dept.  Mr. Jason Hovell** | **Week #32**  **Week of April 21-25th 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 understand how to evaluate land and soil.  **Instructional Strategies:** Student Research  **Task/Activity/Assignment:**  Soil & Land judging Practice  **Resources:** Land judging scorecard & Study Guide Packet | **Objective:** Students can calculate and graph time elapsed in a day.  **Instructional Strategies:**  Teacher Instruction/Student Work Time  **Task/Activity/Assignment:** Inv. 3-1 (day 1)  Sunrise & Sunset Times #1  **Resources** : Sunrise/Sunset Times Worksheet #1 | **Objective:** Students can use online  **Instructional Strategies:** Notes/Lecture  **Task/Activity/Assignment:**  Landscape Estimate Assignment  **Resources:** computers | **Objective:** Students participate in the DNR Trapper Safety Program.  **Instructional Strategies:**  --Whole Group Instruction/Individual Assignments  **Task/Activity/Assignment:**  Ch. 9, 10, 11- Trapper Education  **Resources :** Manuals | **Objective:** Students can list the advantages and disadvantages of photovoltaics.  **Instructional Strategies:**  Video Documentary  **Task/Activity/Assignment:**  Solar & PV Documentary | **Objective:** Students will be able to explain the difference between pollination and fertilization.  **Instructional Strategies:**  Lab  **Task/Activity/Assignment:**  Pollination vs. Fertilization Activity  **Resources**: |
| **Tuesday** | **Objective:** Students understand how to evaluate land and soil.  **Instructional Strategies:** Student Research  **Task/Activity/Assignment:**  Soil & Land judging Practice  **Resources:** Land judging scorecard & Study Guide Packet | **Objective:** Students can calculate and graph time elapsed in a day.  **Instructional Strategies:**  Teacher Instruction/Student Work Time  **Task/Activity/Assignment:** Inv. 3-1 (day 1)  Sunrise & Sunset Times #1  HW: Wendy & Her Weather Watchers Reading & ?’s  **Resources** : Sunrise/Sunset Times Worksheet #2, Reading Copies | **Objective:** Students install a landscape.  **Instructional Strategies:** Notes/Lecture  **Task/Activity/Assignment:**  Shroeder Landscape Project  **Resources:** Shovels, pruners, rakes | **Objective:** Students participate in the DNR Trapper Safety Program.  **Instructional Strategies:**  -Whole Group Instruction/Individual Assignments  **Task/Activity/Assignment:**  Correct Yesterday’s Assignments Ch. 12- Trapper Education  **Resources :** Manuals | **Objective:** Students can list the advantages and disadvantages of photovoltaics.  **Instructional Strategies:**  Video Documentary  **Task/Activity/Assignment:**  Solar & PV Documentary | **Objective:** Students will be able to identify the location and functions of plant parts.  **Instructional Strategies:**  Class Review  **Task/Activity/Assignment:**  Review for Exam  **Resources**: |
| **Wednesday** | **Objective:** Students understand how to evaluate land and soil.  **Instructional Strategies:** Student Research  **Task/Activity/Assignment:**  Soil & Land judging Practice  **Resources:** Land judging scorecard & Study Guide Packet | **Objective:** Students integrate the concepts of Earth axis, orientation toward the North Star, and Earth's rotation and revolution to understand the phenomenon of seasons.  **Instructional Strategies:**  Teacher Instruction/Student Work Time  **Task/Activity/Assignment:** Inv. 3-2 Sun-Earth Relationship Lecture & Activity  **Resources** : Wksht, Calculator | **Objective:** Students install a landscape.  **Instructional Strategies:** Notes/Lecture  **Task/Activity/Assignment:**  Shroeder Landscape Project  **Resources:** Shovels, pruners, rakes | **Objective:** Students participate in the DNR Trapper Safety Program.  **Instructional Strategies:**  -Whole Group Instruction/Individual Assignments  **Task/Activity/Assignment:**  Ch. 14-15  **Resources :** Manuals | **Objective:** Students can choose projects of their interest that relate to solar and photovoltaic science.  **Instructional Strategies:**  Students in lab/shop  **Task/Activity/Assignment:**  Solar Differentiated Instruction Projects | **Objective:** Students can identify the parts of a complete flower.  **Instructional Strategies:**  Lab  **Task/Activity/Assignment:**  Flower Anatomy Exam  **Resources**: Exam |
| **Thursday** | **Objective:** Students understand how to evaluate land and soil.  **Instructional Strategies:** Student Research  **Task/Activity/Assignment:**  Soil & Land judging Practice  **Resources:** Land judging scorecard & Study Guide Packet | **Objective:** Students integrate the concepts of Earth axis, orientation toward the North Star, and Earth's rotation and revolution to understand the phenomenon of seasons.  **Instructional Strategies:**  Teacher Instruction/Student Work Time  **Task/Activity/Assignment:** Seasonal Changes Fossweb Activity  **Resources** : Wksht, Calculator | **Objective:** Students install a landscape.  **Instructional Strategies:** Notes/Lecture  **Task/Activity/Assignment:**  Shroeder Landscape Project  **Resources:** Shovels, pruners, rakes | **Objective:** Students participate in the DNR Trapper Safety Program.  **Instructional Strategies:**  -Whole Group Instruction/Individual Assignments  **Task/Activity/Assignment:**  Guest Speaker  **Resources :** None | **Objective:** Students can choose projects of their interest that relate to solar and photovoltaic science.  **Instructional Strategies:**  Students in lab/shop  **Task/Activity/Assignment:**  Solar Differentiated Instruction Projects | **Objective:**  **Instructional Strategies:**  Lab  **Task/Activity/Assignment:**  **Resources**: |
| **Friday** | **Objective:** Students understand how to evaluate land and soil.  **Instructional Strategies:** Student Research  **Task/Activity/Assignment:**  Soil & Land judging Practice  **Resources:** Land judging scorecard & Study Guide Packet | **Objective:** Students integrate the concepts of Earth axis, orientation toward the North Star, and Earth's rotation and revolution to understand the phenomenon of seasons.  **Instructional Strategies:**  Teacher Instruction/Student Exploration  **Task/Activity/Assignment:** “Pick 3” Differentiation Project  **Resources** : Choiceboard Projects | **Objective:** Students install a landscape.  **Instructional Strategies:** Notes/Lecture  **Task/Activity/Assignment:**  Shroeder Landscape Project  **Resources:** Shovels, pruners, rakes | **Objective:** Students participate in the DNR Trapper Safety Program.  **Instructional Strategies:**  -Video Tutorial  **Task/Activity/Assignment:**  Correct Yesterday’s Assignments  Handling Furs Video  **Resources :** NAFA Handling Fur Video | **Objective:** Students can choose projects of their interest that relate to solar and photovoltaic science.  **Instructional Strategies:**  Students in lab/shop  **Task/Activity/Assignment:**  Solar Differentiated Instruction Projects | **Objective:**  **Instructional Strategies:**  **Task/Activity/Assignment:** |