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|  | **Agricultural Science Dept.  Mr. Jason Hovell** | **Week #31**  **Week of April 7 - 11th, 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 will be able to take root cuttings of grape plants.  **Instructional Strategies:** Student ResearchStudent Lab  **Task/Activity/Assignment:**  Ch. 5- Soil Materials & Formation  **Resources:** Cuttings, Pruners, rooting hormone | **Objective:** Students can explain that weather is an important factor of our daily lives. Students can explain the relationship of pressure to weather.  **Instructional Strategies:**  Teacher Instruction/Student Work Time  **Task/Activity/Assignment:** Weather/News Article Summaries (10 min) Inv. 2-1- Pressure & Syringe Lab (Part 1)  **Resources** : Syringes, Lab Sheets | **Objective:** Students can remove thatch and clean yard.  **Instructional Strategies:** Lab  **Task/Activity/Assignment:**  Landscape Project- Schroeder’s  **Resources:** Rakes, pruners | **Objective:** Students participate in the DNR Trapper Safety Program.  **Instructional Strategies:**  - Individual Student work time  **Task/Activity/Assignment:**  Guest Speaker  5 Add’l Animal ID Due  **Resources :** Manuals | **Objective:** Students can build a small-scale methane digester and explain how a methane digester works.  **Instructional Strategies:**  Students in lab/shop  **Task/Activity/Assignment:**  Methane Digester Building- Biofuels Lab  **Resources** Misc.   EES: B.12.1, B.12.3, C.12.1 | **Objective:** Students can learn about the parts of a plant and their functions.  **Instructional Strategies:**  Teacher Led Discussion  **Resources:**  Classroom syllabus  **Task/Activity/Assignment:**  Plant Part PP & Note Wksht |
| **Tuesday** | **Objective:** Students will be able to take root cuttings of grape plants.  **Instructional Strategies:** Student ResearchStudent Lab  **Task/Activity/Assignment:**  Ch. 5- Soil Materials & Formation  **Resources:** Cuttings, Pruners, rooting hormone | **Objective:** Students can design a lab to determine if air has mass and/or weight.  **Instructional Strategies:**  Student Group Inquiry Lab  **Task/Activity/Assignment:** Inv. 2-1 Pt. 2 Air Investigation Lab  **Resources** : Lab Sheets, balloons, straws, tape, paper clips | **Objective:** Students can remove thatch and clean yard.  **Instructional Strategies:** Lab  **Task/Activity/Assignment:**  Landscape Project- Schroeder’s  **Resources:** Rakes, pruners | **Objective:** Students participate in the DNR Trapper Safety Program.  **Instructional Strategies:**  -Individual Student work time  **Task/Activity/Assignment:**  Review Tracks Ch. 8 Assignment  **Resources :** Manuals | **Objective:** Students can build a small-scale methane digester and explain how a methane digester works.  **Instructional Strategies:**  Students in lab/shop  **Task/Activity/Assignment:**  Methane Digester Building- Biofuels Lab  **Resources** Misc.   EES: B.12.1, B.12.3, C.12.1 | **Objective:** Students can learn about the parts of a plant and their functions.  **Instructional Strategies:**  Teacher Led Discussion  **Resources:**  Classroom syllabus  **Task/Activity/Assignment:**  Plant Part PP & Note Wksht |
| **Wednesday** | **Objective:** Students can plant plants properly.  **Instructional Strategies:** Lab  **Task/Activity/Assignment:**  Planting Plants in Greenhouse  **Resources:** plants, soil, pots | **Objective:** Students can explain the different layers of the Earth’s atmosphere.  **Instructional Strategies:**  Teacher Instruction/Student Work Time  **Task/Activity/Assignment:** Inv. 2- Pt. 2  Earth’s Atmosphere ?’s  Fossweb Animation  **Resources** : Weather Instruments, Worksheets | **Objective:** Students can use drafting software to crate landscape designs.  **Instructional Strategies:** Notes/Lecture  **Task/Activity/Assignment:**  Prune Apple Trees at Scott/Virge Gamroth’s  **Resources:** pruners, van | **Objective:** Students participate in the DNR Trapper Safety Program.  **Instructional Strategies:**  - Individual Student work time  **Task/Activity/Assignment:**  Review Trap Setting & Sets  **Resources :** Manuals | **Objective:** Students can build a small-scale methane digester and explain how a methane digester works.  **Instructional Strategies:**  Students in lab/shop  **Task/Activity/Assignment:**  Methane Digester Building- Biofuels Lab  **Resources** Misc.   EES: B.12.1, B.12.3, C.12.1 | **Objective:** Students can plant plants properly.  **Instructional Strategies:** Lab  **Task/Activity/Assignment:**  Planting Plants in Greenhouse  **Resources:** plants, soil, pots |
| **Thursday** | **Objective:** Students can plant plants properly.  **Instructional Strategies:** Lab  **Task/Activity/Assignment:**  Planting Plants in Greenhouse  **Resources:** plants, soil, pots | **Objective:** Students can explain the different layers of the Earth’s atmosphere.  **Instructional Strategies:**  Teacher Instruction/Student Work Time  **Task/Activity/Assignment:** Finish Fossweb Activity  Thin Blue Veil Reading  **Resources** : Weather Instruments, Worksheets | **Objective:** Students can remove thatch and clean yard.  **Instructional Strategies:** Lab  **Task/Activity/Assignment:**  Landscape Project- Schroeder’s  **Resources:** Rakes, pruners | **Objective:** Students participate in the DNR Trapper Safety Program.  **Instructional Strategies:**  - Individual Student work time  **Task/Activity/Assignment:**  Ch. 1-4 & 8 Quiz  **Resources :** Manuals | **Objective:** Students can build a small-scale methane digester and explain how a methane digester works.  **Instructional Strategies:**  Students in lab/shop  **Task/Activity/Assignment:**  Methane Digester Building- Biofuels Lab  **Resources** Misc.   EES: B.12.1, B.12.3, C.12.1 | **Objective:** Students can plant plants properly.  **Instructional Strategies:** Lab  **Task/Activity/Assignment:**  Planting Plants Quiz  **Resources:** Quiz |
| **Friday** | **Objective:** Students can plant plants properly.  **Instructional Strategies:** Lab  **Task/Activity/Assignment:**  Planting Plants in Greenhouse  **Resources:** plants, soil, pots | **Objective:** Students learn how to use equipment used to measure local weather.  **Instructional Strategies:**  Teacher Instruction/Student Work Time  **Task/Activity/Assignment:** -Teach students how to record weather using Weather Instruments & record with lab sheet  -Review for Mid Sum Assessment 1/2  **Resources** : Weather Instruments, Worksheets | **Objective:** Students can apply fertilizer to yard  **Instructional Strategies:** Demonstration  **Task/Activity/Assignment:**  Lawn Fertilizing Lab @ Ash Street  **Resources:** fertilizer | **Objective:** Students participate in the DNR Trapper Safety Program.  **Instructional Strategies:**  - Guest Speaker  **Task/Activity/Assignment:**  Scott Helegeson Presentation  **Resources :** Manuals | **Objective:** Students will setup for FFA Banquet  **Instructional Strategies:**  Students in lab/shop  **Task/Activity/Assignment:**  FFA Banquet Setup  **Resources** Misc. | **Objective:** Students will setup for FFA Banquet  **Instructional Strategies:**  Students in lab/shop  **Task/Activity/Assignment:**  FFA Banquet Setup  **Resources** Misc. |