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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 Speaker5 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 TracksCh. 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 ?’sFossweb 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 ActivityThin 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.  |