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|  | **Agricultural Science Dept.  Mr. Jason Hovell** | **Week #16**  **Week of Dec. 16th – 20th, 2013** |  | | | |
|  | **Plant & Soil Science** | **Science 7** | **Food Science & Processing** | **Small Engines** | **Wildlife, Forestry & Aquaculture**  **Instructional Strategies:**  **Resources:**  **Task/Activity/Assignment:** | **Exploring Ag 8** |
| **Monday** | **Objective:** Learn how to calculate fertilizer requirements for plant crops.  **Instructional Strategies:**  Individual Lab  **Task/Activity/Assignment:**  - Fertilizer Calculation  **Resources:** Fertilizer Calculation Wksht | **Objective:** Students will be able to define Terms Inheritance, chromosome, gene, allele.  **Instructional Strategies:**  Small Group  **Task/Activity/Assignment:**  -Introduce Terms Inheritance, chromosome, gene, allele -Reading “From Mendel to Human Genome”  **Resources:** Textbook, Wkshts | **Objective:** Students will learn wholesale & retail sale cuts of meat.  **Instructional Strategies:**  Small Group / Teacher led discussion  **Task/Activity/Assignment:**  Meat ID Lab  AES- A.12.2, F.12.1  **Resources:** Meat PP uploaded & wksht | **Objective:** Students learn engine troubleshooting techniques.  **Instructional Strategies:**  Individual/Small Group Exploration    **Task/Activity/Assignment:** -Hand Exams Back, Corrections -Assemble Shop Table  -Engine Projects  **Resources :**none | **Objective:** Students learn about important people and events relating with Wildlife Management.  **Instructional Strategies:**  Partner Learning Project  **Task/Activity/Assignment:**  - Partner “Leaders in Wildlife” Assignment  -Research day  **Resources :** Rubric, Materials | **Objective:** Students learn parliamentary procedure.  **Instructional Strategies:**  Individual/Small Group Exploration    **Task/Activity/Assignment:** -Parliamentary Procedure- Oral Exams  **Resources :**Parli Pro Green Sheet & Orange Sheet |
| **Tuesday** | **Objective:** Learn how to calculate Growing Degree Days for plant crops.  **Instructional Strategies:**  Individual Lab  **Task/Activity/Assignment:**  - How to calculate GDD Lecture & Practice  -Growing Degree Day Wksht  **Resources:** Growing Degree Day Wksht | **Objective:** Students will be able to define Terms Inheritance, chromosome, gene, allele, genotype, phenotype, dominant, recessive..  **Instructional Strategies:**  Small Group  **Task/Activity/Assignment:**  -Fossweb Chromosomes Worksheet  **Resources:** Notes, Foss Transparency | **Objective:** Students will learn wholesale & retail sale cuts of meat.  **Instructional Strategies:**  Small Group / Teacher led discussion  **Task/Activity/Assignment:**  Meat Preparation Lab  AES- A.12.2, F.12.1 | **Objective:** Students learn engine troubleshooting techniques.  **Instructional Strategies:**  Individual/Small Group Exploration    **Task/Activity/Assignment:**  -Small Engine Individual & Group Projects  **Resources :**none | **Objective:** Students learn about important people and events relating with Wildlife Management.  **Instructional Strategies:**  Partner Learning Project  **Task/Activity/Assignment:**  - Partner “Leaders in Wildlife” Assignment  -Research day  **Resources :** Rubric, Materials | **Objective:** Students learn about WI Agriculture.  **Instructional Strategies:**  Individual/Small Group Exploration    **Task/Activity/Assignment:** -WI Agriculture Assignment  **Resources :** WI Agriculture Assignment |
| **Wednesday** | **Objective:** Learn how to calculate Growing Degree Days & Fertilizer Requirements for plant crops.  **Instructional Strategies:**  Individual Lab  **Task/Activity/Assignment:**  - GDD & Fertilizer Wksht  **Resources:** Growing Degree Day Wksht | **Objective:** Students will be able to define Terms Inheritance, chromosome, gene, allele, genotype, phenotype, dominant, recessive.  **Instructional Strategies:**  Teacher Direct Instruction/Individual Work  **Task/Activity/Assignment:**  -Introduce Punnett Squares  -Genotype vs. Phenotype  **Resources:** Punnett Square Wksht 1 | **Objective:** Students will learn wholesale & retail sale cuts of meat.  **Instructional Strategies:**  Small Group / Teacher led discussion  **Task/Activity/Assignment:**  Review for Exam  AES- A.12.2, F.12.1  **Resources:** Meat PP uploaded & wksht | **Objective:** Students learn engine troubleshooting techniques.  **Instructional Strategies:**  Individual/Small Group Exploration    **Task/Activity/Assignment:**  -Small Engine Individual & Group Projects  **Resources :**none | **Objective:** Students learn about important people and events relating with Wildlife Management.  **Instructional Strategies:**  Partner Learning Project  **Task/Activity/Assignment:**  - Partner “Leaders in Wildlife” Assignment  -Presentation Day  **Resources :** Rubric, Materials | **Objective:** Learn about USA Agriculture  **Instructional Strategies:**  GroupActivity  **Task/Activity/Assignment:** -USA Ag Assignment  **Resources :** -USA Ag Assignment Wksht |
| **Thursday** | **Objective:** Learn how to calculate Growing Degree Days & Fertilizer Requirements for plant crops.  **Instructional Strategies:**  Individual Lab  **Task/Activity/Assignment:**  - GDD & Fertilizer Wksht  **Resources:** Growing Degree Day Wksht | **Objective:** Students will be able to define Terms Inheritance, chromosome, gene, allele, genotype, phenotype, dominant, recessive.  **Instructional Strategies:**  Teacher Direct Instruction/Individual Work  **Task/Activity/Assignment:**  -Introduce Punnett Squares  -Genotype vs. Phenotype  **Resources:** Punnett Square Wksht 2 | **Objective:** Students will learn the science in making jerky.  **Instructional Strategies:**  Small Group / Teacher led discussion  **Task/Activity/Assignment:**  -Meat Exam  **Resources:** Computers | **Objective:** Students learn engine troubleshooting techniques.  **Instructional Strategies:**  Individual/Small Group Exploration    **Task/Activity/Assignment:**  -Small Engine Individual & Group Projects  **Resources :**none | **Objective:** Students learn about important people and events relating with Wildlife Management.  **Instructional Strategies:**  Partner Learning Project  **Task/Activity/Assignment:**  - Partner “Leaders in Wildlife” Assignment  -Presentation Day  **Resources :** Rubric, Materials | **Objective:** Learn about USA Agriculture  **Instructional Strategies:**  GroupActivity  **Task/Activity/Assignment:** -USA Ag Assignment  **Resources :** -USA Ag Assignment Wksht |
| **Friday** | **Objective:** Learn how to calculate Growing Degree Days & Fertilizer Requirements for plant crops.  **Instructional Strategies:**  Individual Lab  **Task/Activity/Assignment:**  - GDD & Fertilizer Wksht  **Resources:** Growing Degree Day Wksht | **Objective:** Students will be able to define Terms Inheritance, chromosome, gene, allele, genotype, phenotype, dominant, recessive.  **Instructional Strategies:**  Teacher Direct Instruction/Individual Work  **Task/Activity/Assignment:**  -Introduce Punnett Squares  -Genotype vs. Phenotype  **Resources:** Punnett Square Wksht 3 | **Objective:** Students will learn the history of Meat Processing in the USA.  **Instructional Strategies:**  Small Group / Teacher led discussion  **Task/Activity/Assignment:**  Tentative Celebration  **Resources:** Meat Notes | **No Class** | **No Class** | **No Class** |