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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 LabAES- 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 LabAES- 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 ExamAES- 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** |