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|  | **Agricultural Science Dept.  Mr. Jason Hovell** | **Week #17**  **Week of Jan. 2-3, 2014** |  | | | |
|  | **Plant & Soil Science** | **Science 7** | **Food Science & Processing** | **Small Engines** | **Wildlife, Forestry & Aquaculture**  **Instructional Strategies:**  **Resources:**  **Task/Activity/Assignment:** | **Exploring Ag 8** |
| **Monday** | **No School** | **No School** | **No School** | **No School** | **No School** | **No School** |
| **Tuesday** | **No School** | **No School** | **No School** | **No School** | **No School** | **No School** |
| **Wednesday** | **No School** | **No School** | **No School** | **No School** | **No School** | **No School** |
| **Thursday** | **Objective:** Learn how to calculate Growing Degree Days & Fertilizer Requirements for plant crops.  **Instructional Strategies:**  Individual Lab  **Task/Activity/Assignment:**  - Review GDD & Fertilizer for Friday Quiz  **Resources:** Growing Degree Day Wksht | **Objective:** Students will be able to define terms inheritance, chromosome, gene, allele, genotype, phenotype, dominant, recessive, and complete a monohybrid cross.  **Instructional Strategies:**  Teacher Direct Instruction/Individual Work  **Task/Activity/Assignment:**  -Review recently used terms  -Review Punnett Squares  -Practice Punnett Squares  **Resources:** Punnett Square Practice Sheet | **Objective:** Students will learn the science of candy.  **Instructional Strategies:**  Small Group / Teacher led discussion  **Task/Activity/Assignment:**  -Hand Back Meat Exam -MM Candy  **Resources:** video | **Objective:** Students learn engine troubleshooting techniques.  **Instructional Strategies:**  Individual/Small Group Exploration    **Task/Activity/Assignment:**  -Troubleshooting Lesson- pt. 1  **Resources :**Troubleshooting Flow Chart | **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  -Review other Leaders recently presented  -Wildlife Issues Assignment.  **Resources :** Rubric, Materials | **Objective:** Learn about USA Agriculture  **Instructional Strategies:**  Individual Activity  **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 Quiz  **Resources:** Quiz | **Objective:** Students will be able to define terms inheritance, chromosome, gene, allele, genotype, phenotype, dominant, recessive, and complete a dihybrid cross.  **Instructional Strategies:**  Teacher Direct Instruction/Individual Work  **Task/Activity/Assignment:**  -Introduce Dihybrid Cross Punnett Squares  **Resources:** Dihybrid Cross Punnett Squares Wksht 1 | **Objective:** Students will learn the science of candy.  **Instructional Strategies:**  Small Group / Teacher led discussion  **Task/Activity/Assignment:**  -Properties of Sugar Reading & Assignment  **Resources:** notes | **Objective:** Students learn engine troubleshooting techniques.  **Instructional Strategies:**  Individual/Small Group Exploration    **Task/Activity/Assignment:**  -Troubleshooting Lesson- pt. 2  **Resources :**Troubleshooting Flow Chart | **Objective:** 1. Students learn about important people and events relating with Wildlife Management. 2. Learn deer biology & life cycles.  **Instructional Strategies:**  Partner Learning Project  **Task/Activity/Assignment:**  - Wildlife Leaders Matching Quiz  -Sirianni’s Deer Biology & Life Cycles  **Resources :** Wildlife Leaders Matching Quiz | **Objective:** Learn about USA Agriculture  **Instructional Strategies:**  Individual Activity  **Task/Activity/Assignment:** -USA Ag Assignment  **Resources :** -USA Ag Assignment Wksht |