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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 |