Teacher: Drumheller, G-J, Prescott, Smith Week of: 12/2 -12/6 Subject: 7th Science Period: 1st-6th Week 8 of GP2

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|  | OBJECTIVES | ACTIVITIES | RESOURCES | HOMEWORK | EVALUATION | STANDARDS |
| MON | Model scientific methods for estimating population size and bio diversity  Calculate the population of organisms in a model habitat based on data collected | **BR:**  Investigation 9.1 | Test books  Comp notebook | Any work not completed in class | Completion of work and participation, | MS-LS1-5, MSL-LS-2-5, MS-ESS3-3, Constructing explanations and designing solutions, Planning and carrying out investigations, cause and effect, stability and change, LS1.B, LS4.D,ESS3.C, SL.6-8.1, SL.6-8.4, SL.6-8.5, RST.6-8.1, RST.6-8.2, RST.6-8.4, RST.6-8.7, RST.6-8.8, RST.6-8.10, WHST.6-8.1, WHST.6-8.4, WHST.6-8.7, WHST.6-8.8, WHST.6-8.9 |
| TUE | Preform test on a modle pond and determine the level of biodiversity within it. | **BR: Reflection**  Investigation 9.3: Pond data | Test books  Comp notebook | Any work not completed in class | Completion of work and participation | MS-LS1-5, MSL-LS-2-5, MS-ESS3-3, Constructing explanations and designing solutions, Planning and carrying out investigations, cause and effect, stability and change, LS1.B, LS4.D,ESS3.C, SL.6-8.1, SL.6-8.4, SL.6-8.5, RST.6-8.1, RST.6-8.2, RST.6-8.4, RST.6-8.7, RST.6-8.8, RST.6-8.10, WHST.6-8.1, WHST.6-8.4, WHST.6-8.7, WHST.6-8.8, WHST.6-8.9 |
| WED | Learn about using microbes to clean up toxins.  Understand what conditions lead to extinction.  Recognize the benefits of wet lands.  Learn about an organism that has been both positively and negatively affected by human impact. | **BR: Crossword**  Read lesson 10 articles  Study guide for 9/10  DOKS DUE | Text books  Comp. books | Any work not completed in class | Completion of work and participation | MS-LS1-5, MSL-LS-2-5, MS-ESS3-3, Constructing explanations and designing solutions, Planning and carrying out investigations, cause and effect, stability and change, LS1.B, LS4.D,ESS3.C, SL.6-8.1, SL.6-8.4, SL.6-8.5, RST.6-8.1, RST.6-8.2, RST.6-8.4, RST.6-8.7, RST.6-8.8, RST.6-8.10, WHST.6-8.1, WHST.6-8.4, WHST.6-8.7, WHST.6-8.8, WHST.6-8.9 |
| THUR | Review the effects of human impact on the environment and why healthy ecosystems are important to people. | **BR: Vocab test**  Reflection lesson 10  Complete study guide 9/10 | Text books  Comp. books | Any work not completed in class | Completion of work and participation | MS-LS1-5, MSL-LS-2-5, MS-ESS3-3, Constructing explanations and designing solutions, Planning and carrying out investigations, cause and effect, stability and change, LS1.B, LS4.D,ESS3.C, SL.6-8.1, SL.6-8.4, SL.6-8.5, RST.6-8.1, RST.6-8.2, RST.6-8.4, RST.6-8.7, RST.6-8.8, RST.6-8.10, WHST.6-8.1, WHST.6-8.4, WHST.6-8.7, WHST.6-8.8, WHST.6-8.9 |
| F  R  I | Demonstrate completion of objectives and obtainment of knowledge relating to environments and human impact. | **BR: Silent study**  **Lesson 9/10 Test**  Compile a complete list of vocabulary words from lessons 1-10 | Text books  Comp. books | Any work not completed in class | Completion of work and participation | MS-LS1-5, MSL-LS-2-5, MS-ESS3-3, Constructing explanations and designing solutions, Planning and carrying out investigations, cause and effect, stability and change, LS1.B, LS4.D,ESS3.C, SL.6-8.1, SL.6-8.4, SL.6-8.5, RST.6-8.1, RST.6-8.2, RST.6-8.4, RST.6-8.7, RST.6-8.8, RST.6-8.10, WHST.6-8.1, WHST.6-8.4, WHST.6-8.7, WHST.6-8.8, WHST.6-8.9 |