Ridgeland School District 122  
Grade 2 Science Curriculum Map  
Correlated to the FOSS Next Generation Science Curriculum and CCSS  

** Strategies in reading informational text will be incorporated throughout the year. 

<table>
<thead>
<tr>
<th>Trimester 1</th>
<th>Trimester 2</th>
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</table>
| **Solids and Liquids**  
  **Investigation 1: Solids**  
  - Solid Objects  
  - Solid Materials  
  - Group Solid Objects  
  - Construct with Solids  
  - Outdoor Solids  
  **Investigation 2: Liquids**  
  - Liquids in Bottles  
  - Properties of Liquids  
  - Liquid Level  
  - Puddles  
  **Investigation 3: Bite and Pieces**  
  - Solids in Containers  
  - Separating Soup Mix  
  - Solids in Bottles  
  - Beads and Screens  
  - Spills  
  **Investigation 4: Solids, Liquids, and Water**  
  - Solids and Water  
  - Liquids and Water  
  - Toothpaste Investigation  
  - Changing Properties  
  - Tea Time  |
| **Pebbles, Sand, and Silt**  
  **Investigation 1: First Rocks**  
  - Three Rocks  
  - Washing Three Rocks  
  - First Sorting  
  - Start a Rock Collection  
  - Sorting Activities  
  **Investigation 2: River Rocks**  
  - Screening River Rocks  
  - River Rocks by Size  
  - Sand and Silt  
  - Exploring Clay and Landforms  
  **Investigation 3: Using Rocks**  
  - Rocks in Use  
  - Observing Sandpaper  
  - Sand Sculptures  
  - Clay Beads  
  - Making Bricks  
  **Investigation 4: Soil and Water**  
  - Homemade Soil  
  - Local Soil  
  - Natural Sources of Water  
  - Land and Water  |
| **Insects and Plants**  
  **Investigation 1: Mealworms**  
  - Mealworms  
  - Larva, Pupa, Adult  
  - Life Cycle  
  **Investigation 2: Brassica Seeds**  
  - Planting Brassica  
  - Observing Brassica Growth  
  - Plant Life Cycle  
  - Planting Outdoors  
  **Investigation 3: Milkweed Bugs**  
  - Eggs  
  - Habitats  
  - Growing Milkweed Bugs  
  - Insect Search  
  **Investigation 4: Silkworms**  
  - Eggs and Larvae  
  - Silkworm Structures  
  - Pupae and Adults  
  - Plant Eaters  
  **Investigation 5: Butterflies**  
  - Caterpillars  
  - Chrysalises  
  - Adult Butterflies  
  - Flower Powder  |

**Standards**  

| Physical Science  
  2-PS2-1, 2-PS1-2, 2-PS1-3, 2-PS1-4  
  Engineering, Technology and Applications of Science  
  K-2 ETS1-1, K-2 ETS1-2, K-2 ETS1-3 |
| Earth and Space Sciences  
  2-ESS1-1, 2-ESS2-1, 2-ESS2-2, 2-ESS2-3  
  Physical Sciences  
  2-PS1-1, 2-PS1-2  
  Engineering, Technology, and Applications of Science  
  K-2 ETS1-1, K-2 ETS1-2 |
| Life Sciences  
  3-LS1-1, 2-LS2-1, 2-LS2-2, 2-LS4-1  
  Engineering, Technology, and Applications of Science  
  K-2 ETS1-1, K-2 ETS1-2, K-2 ETS1-3 |

Ridgeland School District 122  
Trimesters are approximately 12 weeks of instruction.  
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