

**SKILLS MAPPING**SUBJECT **SCIENCE**GRADE **2**

<b>Timetable</b>	<b>Topic</b>	<b>Content</b>	<b>Skills</b> The student will:	<b>Performance Objective</b>	<b>Assessment</b>
<b>4 - Weeks</b>	<b>PS - Buoyancy</b>  <b>Interdisciplinary Problem Solving</b>	<b>Float/Sink</b>  <b>Capacity</b>	<b>Manipulate clay to make it float.</b>  <b>Change the shape of the clay boat so that it will hold greater cargo.</b>	<b>PS 5.1</b> <b>Describe the common effects of forces</b>  <b>I.P.S .7.1</b> <b>The knowledge of skills in MST are used to solve problems</b>	<b>Does the student's boat float?</b>

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<b>Nine Weeks</b>	<b>LE Plant and Animal Life Cycles</b>	<b>Plants</b>	<b>Plant a seed</b>	LE 4.1 Describe the major stages in the life cycle of plants.	<b>Our Seed Journal</b>
		<b>Life Cycle</b>	<b>Predicting Observing Measuring Generalizing Collecting Communicating</b>	LE 4.2 Describe evidence of growth.  LE 2.2 Recognize that for humans and all other living things that there is genetic continuity.	
		<b>Plant Needs</b>	↓	LE 3.2 Observe the differences within a species, my give individuals an advantage in survival.  LE 6.2 Describe the relationship of the sun as an energy source.	
		<b>Biotic Potential</b>		LE 5.1 Describe basic life functions of common living specimens.	

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	<b>LE Life Cycle of the Meal Worm</b>	<b>Discuss Life-cycle  Metamorphosis Egg Larva Pupa Adult</b>	<b>Predicting Observing Collecting Communicating</b>	<b>LE 4.1 Describe the major stages in the life- cycle of animals</b>	

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<b>Three Weeks</b>	<b>Three Pigs</b>  <b>Interdisciplinary Solving</b>	<b>Air speed</b>  <b>Strength</b>  <b>Wind</b>  <b>Integrated Problem Solving</b>	<b>Design</b>  <b>Construct</b>  <b>Observe</b>  <b>Ask Questions</b>  <b>Cooperate</b>  <b>Communicate Clearly</b>  <b>Measure</b>  <b>Graph</b>  <b>Estimate</b>  <b>Weigh</b>	<b>I.P.S. 7.1</b> The knowledge and skills of math/science and tech. are used together to make informed decisions and solve problems  <b>I.P.S. 7.2</b> solving problems using a variety of skills and strategies	<b>Student self-assessment</b> <b>PP 10 &amp; 11</b>  <b>Group assessment</b> <b>P. 12</b>

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<b>Nine Weeks</b>	<b>PE Simple Machines</b>		<b>Observing</b>  <b>Comparing</b>  <b>Constructing</b>	<b>PS 3.1</b> <b>Observe and</b> <b>describe the</b> <b>properties of</b> <b>materials</b>	