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Suggested Implementation Guide for Butterfly Life Cycle Grade K and Grade 2

	Week 1	Week 2	Week 3
English Language Arts	<p>Students will read and be read to a variety of books including but not limited to: <i>The Very Hungry Caterpillar</i>, <i>Where Butterflies Grow</i>.</p> <p>Students will have the opportunity to explore fiction and nonfictional books that feature our butterflies and their life cycles. Options for these books can be found on the materials list on the unit plan.</p> <p>Students will record observations.</p> <p>Second Grade students will also begin a writing prompt on everything they already know about butterflies.</p>	<p>Students will read and be read to a variety of books including but not limited to: <i>Jake and the Migration of the Monarch Butterfly</i>, <i>The Very Hungry Caterpillar</i></p> <p>Students will have the opportunity to explore fiction and nonfictional books that feature our butterflies and their life cycles. Options for these books can be found on the materials list on the unit plan.</p> <p>Students will record observations.</p>	<p>Students will read and be read to a variety of books that are listed on the unit plan such as <i>The Very Hungry Caterpillar</i>, <i>My-Oh Mu Butterfly</i>)</p> <p>Students will have the opportunity to explore fiction and nonfictional books that feature our butterflies and their life cycles. Options for these books can be found on the materials list on the unit plan.</p> <p>Students will record observations.</p> <p>Second Grade will revise their writing from the beginning of the week and add illustrations: <i>Using everything you know about butterflies, make a brochure to teach a kindergartener all about butterflies.</i></p>
Social Studies		<p>Students will discuss a little about the migration of butterflies using “Jake and the Migration of the Monarch Butterfly.” Second grade will go a little more in depth with pictures of our country. Kindergarten will focus on types of environments and how they are beneficial to the butterfly.</p>	

Math	<p>Students will be held accountable for recording in their journal each day of observation. Students should record and count how many days it takes for change to occur. Students will also do simple activities to review if waiting 12 days was an even number of days or an odd number of days.</p>	<p>Students will complete an activity by understanding that butterflies are symmetric. Students will use shapes to form the butterflies.</p> <p>Second grade students will also tally how many of each shape they used in their butterfly design.</p>	
Science	<p>Students will begin their exploration on how to observe using all five senses (for this unit they will not taste, but taste will be reviewed).</p> <p>Students will learn about the stages of the life cycle and will focus in these lessons specifically on the first two stages of the butterfly life cycle (egg and caterpillar/larva).</p> <p>Second grade students will also use activities that teach about other animals that go through the life cycle and make inferences about how environments are beneficial to the animals who live there.</p>	<p>Students will continue their exploration on how to observe using all five senses (for this unit they will not taste, but taste will be reviewed).</p> <p>Students will review the first two stages of the life cycle (egg and caterpillar/larva) and will move onto mastering the next two stages (cocoon/ pupa and butterfly/adult).</p>	<p>Students will use their writing skills to express what they have learned throughout the butterfly unit. Information retrieved from this week can be drawn and/or written. Students are responsible for showing the life-cycle of the butterfly. Second graders are responsible for also talking about metamorphosis.</p>
Other	<p>Students will explore characteristics of butterflies through kinesthetic activities such as the butterfly hunt (2nd stage of the butterfly life cycle; larva stage; relating to environment; using camouflage).</p>	<p>Students will have the opportunity to use the promethean board (technology) to help create a symmetric butterfly.</p> <p>Students will sing a butterfly life</p>	<p>Kindergarten will put on a play to show the second graders what they learned about the stages of the butterfly life cycle (egg, caterpillar, cocoon, butterfly).</p> <p>Second graders will put on a play to</p>

	In second grade, students will be able to explore the life cycle through video.	cycle song. Student will create a piece of art showing symmetry.	elaborate for the kindergarteners the new names they learned for the stages of the butterfly life cycle (egg, larva, pupa, adult).
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