



Technology-Connected Lesson Plan

Title:	Metamorphosis
Grade Levels:	1-3
Curriculum Areas:	🖥️ Science
Measurable Objectives:	<p>🖥️ TSW list the 4 stages of a butterfly's life.</p> <p>🖥️ TSW create a flow map labeling the 4 stages of a butterfly's life in Kidspiration.</p>
GLEs:	<p>1. Ask questions about objects and events in the environment (e.g., plants, rocks, storms) (SI-E-A1)</p> <p>2. Pose questions that can be answered by using students' own observations, scientific knowledge, and testable scientific investigations (SI-E-A1)</p> <p>9. Express data in a variety of ways by constructing illustrations, graphs, charts, tables, concept maps, and oral and written explanations as appropriate (SI-E-A5) (SI-E-B4)</p> <p>33. Compare the life cycles of selected organisms (e.g., mealworm, caterpillar, tadpole) (LS-E-B1)</p>
Louisiana Comprehensive Curriculum:	<p>2nd Grade Unit 4 Activity 5 - Life Cycles</p> <p>GLEs: 1, 2, 9, and 33</p>
Technology Guidelines:	<p>Basic Operations and Concepts</p> <ul style="list-style-type: none"> ◆ Students demonstrate a sound understanding of the nature and operation of technology systems. ◆ Students are proficient in the use of technology. <p>Technology Productivity Tools (<i>Resource Access and Utilization Foundation Skill</i>)</p> <ul style="list-style-type: none"> ◆ Students use technology tools to enhance learning, increase productivity, and promote creativity. ◆ Students use productivity tools to work

	<p>collaboratively in developing technology-rich, authentic, student-centered products.</p> <ul style="list-style-type: none"> ◆ Use a variety of developmentally appropriate resources and productivity tools (e.g., logical thinking programs, writing and graphic tools, digital cameras, graphing software) for communication, presentation, and illustration of thoughts, ideas, and stories (e.g., signs, posters, banners, charts, journals, newsletters, and multimedia presentation.) (1,3,4)
<p>Technology Connection:</p>	<ul style="list-style-type: none"> 📧 Internet 📧 www.brainpop.com - metamorphosis video 📧 http://www.yesnet.yk.ca/schools/jackhulland/projects/butterflies/ 📧 http://www.yesnet.yk.ca/schools/jackhulland/projects/butterflies/lifecycle/sequence/index.html <i>(Putting the life cycle in order).</i> 📧 Computers 📧 Printers 📧 Kidspiration 📧 Presentation Station
<p>Procedures:</p>	<ul style="list-style-type: none"> 📧 TTW discuss with students what they know about the stages of a butterfly's life. TW ask students to identify the 4 stages of the butterfly's life while watching a short video. 📧 TTW show students brain pop video. Class will discuss the stages viewed. 📧 TW walk students through using Kidspiration. TSW create a flow map using Kidspiration. Once the flow map is created, TSW label each stage by entering text. Next the students will change each box into a picture using the library in Kidspiration. TSW choose a picture that best describes each stage. TSW enter a title for their flow map.

	<p>🖥️ Early finishers will complete the online metamorphosis game at http://www.yesnet.yk.ca/schools/jackhulland/projects/butterflies/lifecycle/sequence/index.html</p> <p>🖥️ <i>TSW print food chains and share with class during "author's chair."</i></p>
Materials:	🖥️ Computers, printer, Kidspiration, Presentation Station
Assessment:	<p>🖥️ Teacher Observation</p> <p>🖥️ Completed Flow Maps</p>
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School:	🖥️ Champ Cooper/Tucker Elementary