



# Technology-Connected Lesson Plan

<b>Title:</b>	<b>Once in a Blue Moon (revised askERIC LP)</b>
Grade Levels:	1-3
Curriculum Areas:	Science
Measurable Objectives:	TLW create computer generated artwork to demonstrate understanding of the moon phases
LA Content Standards:	<p><b>ESS-E-B2</b> demonstrating how the relationship of the Earth, moon, and sun causes eclipses and moon phases;</p> <p><b>ESS-E-B3</b> observing and recording the changing appearances and positions of the moon in the sky at night and determining the monthly pattern of lunar change;</p>
Technology Guidelines:	<p>1. <b>Technology Communication Tools</b> (<i>Communication Foundation Skill</i>)</p> <ul style="list-style-type: none"> <li>◆ Students use telecommunications to collaborate, publish, and interact with peers, experts and other audiences.</li> </ul> <p>2. <b>Technology Productivity Tools</b> (<i>Resource Access and Utilization Foundation Skill</i>)</p> <ul style="list-style-type: none"> <li>◆ Students use technology tools to enhance learning, increase productivity, and promote creativity.</li> <li>◆ Students use productivity tools to work collaboratively in developing technology-rich, authentic, student-centered products.</li> </ul>
Technology Connection:	computer, printer, KidPix Flexcam (if available)
Procedures:	Read a picture book about the moon to the class. A suggested book would be "The Nightgown of the Sullen Moon". In the book the moon needs to be represented in colors such as greens, blues and purples. Show the class a picture of a full moon and how occasionally there is a second full moon in one month. This moon is called a blue moon. Using KidPix, students will create a project picturing a

	<p>drawing a large circle with many small circles representing craters. Use blues, greens, and purples to color the moon and its craters.</p> <ul style="list-style-type: none"> <li>📖 Divide the students into small groups to learn about the features of the moon. The reference materials should include a computer (Gale Group/Worldbook/Internet) and resource books about the moon.</li> <li>📖 Use a circle map (Thinking Maps) for students to share their facts. Facts should include: <ol style="list-style-type: none"> <li>1. The moon is smaller than the Earth.</li> <li>2. The moon has no light of its own, but reflects light from the sun.</li> <li>3. There is no air or water on the moon.</li> <li>4. The moon's surface is dusty and brown in color.</li> <li>5. There are many craters on the moon.</li> <li>6. The moon is seen from the Earth in various forms: full, half, crescent, etc</li> </ol> </li> </ul>
<p><b>Materials:</b></p>	<ul style="list-style-type: none"> <li>📖 Moon reference books</li> <li>📖 Picture book about the moon</li> <li>📖 paper and pencil</li> </ul>
<p><b>Assessment:</b></p>	<ul style="list-style-type: none"> <li>📖 Checklist that includes participation in the group, contribution to facts, and KidPix art project.</li> </ul>
<p><b>Teacher's Name:</b></p>	<ul style="list-style-type: none"> <li>📖 Mary McMahan</li> </ul>
<p><b>School:</b></p>	<ul style="list-style-type: none"> <li>📖 Hammond Eastside Upper and Primary</li> </ul>