
















Technology-Connected Lesson Plan

Title:	The Water Cycle
Grade Levels:	1-3
Curriculum Areas:	🖥️ Science
Measurable Objectives:	<ul style="list-style-type: none"> 🖥️ TSW list the 4 stages of the water cycle. 🖥️ TSW complete a flow map labeling the 4 stages of the water cycle in PowerPoint.
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>8. 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>38. Compare weather patterns as they relate to seasonal changes in students' immediate environment (ESS-E-A4)</p>
Louisiana Comprehensive Curriculum:	<p>1st Grade Unit 6 Activity 4 - The Water Cycle</p> <p>GLEs: 1, 2, 8, and 38</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 collaboratively in developing technology-rich, authentic, student-centered products. ◆ 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 - water cycle video  http://www.learnenglish.org.uk/words/activities/waterdr.html  http://www.kidzone.ws/water/  http://ga.water.usgs.gov/edu/watercyclehi.html  http://www.surfnetkids.com/games/watercycle-ws.htm  Computers  Printers  PowerPoint Water Cycle Template  Presentation Station
<p>Procedures:</p>	<ul style="list-style-type: none">  TTW discuss with students what they know about the water cycle. TW ask students to identify the 4 stages of the water cycle. TTW tell students to watch the video on the water cycle and listen for the 4 stages.  TTW show students brain pop video. Class will discuss the stages viewed. SW complete the online quiz on the water cycle.  TTW share "The Water Cycle Song" with the

	<p>students. TS and TTW act out the song.</p> <ul style="list-style-type: none"> ☞ TTW introduce the students to the PowerPoint template. TSW put the stages of the water cycle in order by clicking and dragging the pictures to the flow map. Next, the students will click and drag the name of each cycle to the correct picture. SW print their completed flow maps. ☞ Early finishers will complete the online water cycle game at http://www.learnenglish.org.uk/words/activities/waterdr.html <i>and</i> http://www.surfnetkids.com/games/watercycle-1.html ☞ <i>When all students are completed TTW call students to the presentation station to complete the flow map as a large group. TT and TSW discuss any wrong answers.</i>
Materials:	☞ Computers, printer, PowerPoint Template, Presentation Station
Assessment:	<ul style="list-style-type: none"> ☞ Teacher Observation ☞ Completed Flow Maps
Teacher's Name:	☞ Melissa Ryan
School:	☞ Champ Cooper/Tucker Elementary