



# Technology-Connected Lesson Plan

<b>Title:</b>	<b>Fun with Area and Perimeter</b>
Grade Levels:	4 - 8
Curriculum Areas:	☞ Math
Measurable Objectives:	<ul style="list-style-type: none"> <li>☞ TLW become familiar with basic geometric shapes</li> <li>☞ TLW use appropriate geometric shape vocabulary</li> <li>☞ TLW locate perimeter and area of given shapes.</li> </ul>
Louisiana Comprehensive Curriculum	☞ <b>Grade 6 Activity 6: Calculating Perimeter and Area of Triangles, Parallelograms, and Trapezoids (GLEs: 22, 23)</b>
LA Content Standards:	<p>22. Estimate perimeter and area of any 2-dimensional figure (regular and irregular) using standard units (M-2-M)</p> <p>23. Identify and select appropriate units to measure area (M-3-M)</p>
Technology Guidelines:	<p>Technology Problem-Solving and Decision-Making Tools (<i>Problem Solving Foundation Skill</i>)</p> <ul style="list-style-type: none"> <li>◆ Students employ technology for real world problem solving.</li> </ul> <p>Technology Productivity Tools (<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> </ul>
Technology Connection:	<ul style="list-style-type: none"> <li>☞ Presentation Station, overhead, Internet</li> <li>☞ <a href="http://matti.usu.edu/nlvm/nav/frames_asid_125_g_3_t_3.html">http://matti.usu.edu/nlvm/nav/frames_asid_125_g_3_t_3.html</a></li> </ul>
Procedures:	<ul style="list-style-type: none"> <li>☞ Using the overhead and overhead pattern block discuss geometric shapes and the vocabulary used to describe</li> <li>☞ Students will play "Guess the Shape". The students will take turns drawing a shape from a bag. They must then give clues to the shape. The first student to guess the shape gets the next turn!</li> <li>☞ Teacher will discuss area and perimeter with students. Students will take turns going to over head to locate area and perimeter.</li> <li>☞ The students will go to <a href="http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks2/maths/perimeter_and_area/index.html">http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks2/maths/perimeter_and_area/index.html</a> and complete the</li> </ul>

	<p>online activity.</p> <ul style="list-style-type: none"> <li>🖥️ TSW take a short quiz on area and perimeter by going to <a href="http://www.tki.org.nz/r/wick_ed/quizit/?id=85">http://www.tki.org.nz/r/wick_ed/quizit/?id=85</a> TSW print a copy of their scores.</li> <li>🖥️ Early finishers will go to <a href="http://www.funbrain.com/poly/">http://www.funbrain.com/poly/</a> To practice their area and perimeter skills.</li> </ul>
Materials:	🖥️ computers
Assessment:	<ul style="list-style-type: none"> <li>🖥️ Teacher observation</li> <li>🖥️ Completed quiz</li> </ul>
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School:	🖥️ Loranger Middle/West Side Middle