

















# Technology-Connected Lesson Plan

<b>Title:</b>	<b>Geometry Terminology</b>
Grade Levels:	☞ 4 <sup>th</sup> - 6 <sup>th</sup> Grades
Curriculum Areas:	☞ Math
Measurable Objectives:	<ul style="list-style-type: none"> <li>☞ TLW be able to define geometry terms appropriate to their grade level.</li> <li>☞ TLW be able to recognize examples of specific geometry terms.</li> </ul>
LA Comprehensive Curriculum:	☞ Unit 6: Geometry and Measurement (4 <sup>th</sup> Grade)
Grade Level Expectations: (GLEs)	<ul style="list-style-type: none"> <li>☞ M.4.4.28: Identify the top, bottom, or side view of a given 3-dimensional object (G-1-E) (G-3-E) (LA GLEs)</li> <li>☞ M.4.4.29: Identify, describe the properties of, and draw circles and polygons (triangle, quadrilateral, parallelogram, trapezoid, rectangle, square, rhombus, pentagon, hexagon, octagon, and decagon) (G-2-E) (LA GLEs)</li> <li>☞ M.4.4.32: Draw, identify, and classify angles that are acute, right, and obtuse (G-5-E) (G-1-E) (LA GLEs)</li> </ul>
K-12 Educational Technology Standards:	<ul style="list-style-type: none"> <li>☞ Technology Communication Tools (<i>Communication Foundation Skill</i>) Students use a variety of media and formats to communicate and present information and ideas effectively to multiple audiences.</li> <li>☞ Technology Productivity Tools (<i>Resource Access and Utilization Foundation Skill</i>) Students use technology tools to enhance learning, increase productivity, and promote creativity.</li> <li>☞ Technology Research Tools (<i>Linking and Generating Knowledge Foundation Skill</i>) Students use appropriate technology to locate, evaluate, and collect information from a variety of sources.</li> </ul>
Technology Connection:	<ul style="list-style-type: none"> <li>☞ Geometry Terminology Jeopardy Game Revised from the original version <a href="http://www.jasper.k12.al.us/teachers/lbarton/jeopardygeometry.ppt">http://www.jasper.k12.al.us/teachers/lbarton/jeopardygeometry.ppt</a></li> </ul>

	<ul style="list-style-type: none"> <li> <u>Geometry Terminology Quiz</u></li> </ul>
Assessment:	<ul style="list-style-type: none"> <li> Observation and Participation</li> <li> Completed <i>Geometry Terminology Answer Document</i></li> </ul>
Procedures:	<ul style="list-style-type: none"> <li> This is a great lesson to do as a review after introducing most of the geometry terms at the conclusion of a geometry chapter.</li> <li> The students should be familiar with the following terms to be successful with the Jeopardy Game. (<i>center, diameter, radius, right triangle, triangle, equilateral triangle, pentagon, quadrilateral, octagon, perimeter of a triangle, area of a rectangle or square, area of a triangle, protractor, acute angle, right angle, angle, congruent, &amp; perimeter</i>)</li> <li> Give each student an answer document for the Jeopardy game. Review the word bank with the students.</li> <li> Use the <u><i>Geometry Terminology Quiz</i></u> and allow students to record their answers before playing <i>Geometry Terminology Jeopardy</i>.</li> <li> Students will use the word bank as a resource to pull their answers from during the quiz.</li> <li> Play <u><i>Geometry Terminology Jeopardy</i></u>, students will check their answers during the game.</li> </ul>
Materials:	<ul style="list-style-type: none"> <li> Computer connected to a scan converter/TV or projector</li> <li> <i>Geometry Terminology Answer Document</i></li> </ul>
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