



















# Technology-Connected Lesson Plan

<b>Title:</b>	<b>Round Off!</b>
Grade Levels:	5 <sup>th</sup> Grade
Curriculum Areas:	Math ( <i>Reviewing rounding to the nearest tenths, hundredths, thousandths</i> )
LA Comprehensive Curriculum:	Unit 1: Whole Number Review Activity 6: Rounding Numbers (GLEs: 8, 9, 10)
Measurable Objectives:	<ul style="list-style-type: none"> <li>🖥 TLW follow an interactive review lesson to develop and test rules for rounding whole numbers and decimals.</li> <li>🖥 TLW use rules for rounding to solve real-world problems.</li> </ul>
Grade Level Expectations (GLE)	<ul style="list-style-type: none"> <li>🖥 Use the whole number system (e.g., computational fluency, place value, etc.) to solve problems in real-life and other content areas (N-5-M)</li> <li>🖥 Use mental math and estimation strategies to predict the results of computations (i.e., whole numbers, addition and subtraction of fractions) and to test the reasonableness of solutions (N-6-M) (N-2-M)</li> <li>🖥 Determine when an estimate is sufficient and when an exact answer is needed in real-life problems using whole numbers (N-6-M) (N-5-M)</li> </ul>
K12 Educational Technology Standards:	<ul style="list-style-type: none"> <li>🖥 Use multimedia tools and desktop publishing to develop and present computer-generated projects for directed and independent learning activities.</li> <li>🖥 Use technology tools (e.g., multimedia authoring, writing tools, digital cameras, drawing tools, web tools) to gather information for problem solving, communication, collaborative writing and publishing to create products for various audiences.</li> </ul>
Technology Connection:	<ul style="list-style-type: none"> <li>🖥 Presentation Station - Computer connected to scan converter</li> <li>🖥 Computer Lab with Internet Access or Classroom computer stations with Internet access.</li> </ul>

	<p>  Internet Sites on rounding numbers  BBC Rounding Off  <a href="http://www.bbc.co.uk/education/mathsfile/shockwave/games/roundoff.html">http://www.bbc.co.uk/education/mathsfile/shockwave/games/roundoff.html</a>  Place Value Puzzler  <a href="http://www.funbrain.com/tens/index.html">http://www.funbrain.com/tens/index.html</a>  Quia - Rounding Decimals/Whole Numbers  <a href="http://www.quia.com/mc/66061.html">http://www.quia.com/mc/66061.html</a>  Rounding Numbers  <a href="http://www.aaamath.com/est27a-rounding.html">http://www.aaamath.com/est27a-rounding.html</a>  Rounding Flashcards  <a href="http://www.aplusmath.com/Flashcards/rounding.html">http://www.aplusmath.com/Flashcards/rounding.html</a>  That's Right!  <a href="http://www.beaconlearningcenter.com/WebLessons/ThatsRight/default.htm">http://www.beaconlearningcenter.com/WebLessons/ThatsRight/default.htm</a> </p>
Procedures:	<p>  Recalling prior knowledge - Allow the students to recall what they can remember about rounding numbers to the nearest tenths, hundredths, and thousandths.   Explain to students that a rounded number has about the same value as the number you start with, but it is less exact.   If the number you are rounding is followed by 5, 6, 7, 8, or 9, round the number up.   If the number you are rounding is followed by 0, 1, 2, 3, or 4, round the number down.   Display the Rounding Number poster and teach the following chant to the students  <p style="text-align: center;"> <i>Rounding numbers is so fun;  We will do it 'till we're done.  If a number's 1-4,  Round it down right through the floor.  If a number's 5-9,  Round it up it is just fine.</i> </p>  Whole Group: Using the presentation station, use the following site to review rules for rounding:  <a href="http://www.oswego.org/testprep/math4/d/roundingp.cfm">http://www.oswego.org/testprep/math4/d/roundingp.cfm</a>   Give each student the Round Off! Answer document. Display the Round Off! Quiz PowerPoint slideshow using the presentation station. Allow the students to record their answers on their answer document. </p>

	<p>  Play <b>Round Off!</b> Jeopardy Game (PowerPoint)  Round Off! Jeopardy PowerPoint - Students can check their answers from the Round Off! Quiz. </p> <p>  Independent Work: Computer Lab or Classroom computer stations </p> <p> Allow the students to visit the following sites to review what they've learned about rounding numbers.  **You may need to caution the students to stay only on the sites selected below. Each site has other links available for students visit that will take them away from the rounding number review. </p> <p> <u>BBC Rounding Off</u>  <a href="http://www.bbc.co.uk/education/mathsfile/shockwave/games/roundoff.html">http://www.bbc.co.uk/education/mathsfile/shockwave/games/roundoff.html</a> </p> <p> <u>Place Value Puzzler</u>  <a href="http://www.funbrain.com/tens/index.html">http://www.funbrain.com/tens/index.html</a> </p> <p> <u>Quia - Rounding Decimals/Whole Numbers</u>  <a href="http://www.quia.com/mc/66061.html">http://www.quia.com/mc/66061.html</a> </p> <p> <u>Rounding Numbers</u>  <a href="http://www.aaamath.com/est27a-rounding.html">http://www.aaamath.com/est27a-rounding.html</a> </p> <p> <u>Rounding Flashcards</u>  <a href="http://www.aplusmath.com/Flashcards/rounding.html">http://www.aplusmath.com/Flashcards/rounding.html</a> </p> <p> <u>That's Right!</u>  <a href="http://www.beaconlearningcenter.com/WebLessons/ThatsRight/default.htm">http://www.beaconlearningcenter.com/WebLessons/ThatsRight/default.htm</a> </p>
Materials:	<p>  Rounding Numbers Poster (with the following chant): </p> <p style="text-align: center;"> <i>Rounding numbers is so fun,  We will do it 'till we're done.  If a number's 1-4,  Round it down right through the floor.  If a number's 5-9,  Round it up it is just fine.</i> </p> <p>  Presentation Station (computer with scan converter) </p>
Assessment:	<p>  Student Responses </p> <p>  Observation &amp; Participation </p>
Teacher's Name:	<p>  Kathy E. Prine </p>
School:	<p>  D.C. Reeves ES/Martha Vinyard ES </p>