

**GRADE 8 “STUDENT FRIENDLY” MATHEMATICS SCORING RUBRIC**

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<b>Score Level</b> (How many points do you earn?)	<b>MATHEMATICAL KNOWLEDGE:</b> (Do you know it?)	<b>STRATEGIC KNOWLEDGE:</b> (How do you plan?)	<b>EXPLANATION:</b> (Can you explain it?)
<b>4</b>	<ul style="list-style-type: none"> <li>◆ I get the right answer, and I label it correctly.</li> <li>◆ I use math terms correctly to show I understand how math works.</li> <li>◆ I compute with no errors.</li> </ul>	<ul style="list-style-type: none"> <li>◆ I find all the important parts of the problem, and I know how they go together.</li> <li>◆ I show all the steps I use to solve the problem.</li> <li>◆ I explain any work I do in my head or with a calculator.</li> <li>◆ I completely show pictures, diagrams, models or computation if I use them in my plan.</li> </ul>	<ul style="list-style-type: none"> <li>◆ I write <u>what</u> I did and <u>why</u> I did it.</li> <li>◆ If I use a drawing, I can explain all of it in writing.</li> </ul>
<b>3</b>	<ul style="list-style-type: none"> <li>◆ I use most math terms correctly.</li> <li>◆ I make minor errors in computation.</li> </ul>	<ul style="list-style-type: none"> <li>◆ I find most of the important parts of the problem.</li> <li>◆ I show a reasonable plan and most of the steps I use to solve the problem.</li> </ul>	<ul style="list-style-type: none"> <li>◆ I write mostly about <u>what</u> I did.</li> <li>◆ I write a little about <u>why</u> I did it.</li> <li>◆ If I use a drawing, I can explain most of it in writing.</li> </ul>
<b>2</b>	<ul style="list-style-type: none"> <li>◆ I know how to do parts of the problem, but I make major errors in computation and get a wrong answer.</li> <li>◆ I give a wrong answer or only part of the answer.</li> </ul>	<ul style="list-style-type: none"> <li>◆ I find some of the important parts of the problem.</li> <li>◆ I show some of the steps, but my plan is not clear.</li> </ul>	<ul style="list-style-type: none"> <li>◆ I write some about <u>what</u> I did or <u>why</u> I did it but not both.</li> <li>◆ If I use a drawing, I can explain some of it in writing.</li> </ul>
<b>1</b>	<ul style="list-style-type: none"> <li>◆ I try to do the problem, but I don't understand it.</li> </ul>	<ul style="list-style-type: none"> <li>◆ I find almost no important parts of the problem.</li> <li>◆ I show a plan that is not reasonable.</li> <li>◆ I show almost none of the steps I use to solve the problem.</li> <li>◆ I may include unnecessary information.</li> </ul>	<ul style="list-style-type: none"> <li>◆ I write or draw something that doesn't go with my answer.</li> <li>◆ I write an answer that is not clear.</li> </ul>
<b>0</b>	<ul style="list-style-type: none"> <li>◆ I don't try to answer the problem.</li> </ul>	<ul style="list-style-type: none"> <li>◆ I don't show a plan.</li> </ul>	<ul style="list-style-type: none"> <li>◆ I don't explain anything in writing.</li> </ul>