

CCSS for 6 <sup>th</sup> grade mathematics (skills)	Standards for Mathematical Practice (Problem Solving)
<p><b>Ratios and Proportional Relationships</b></p> <ul style="list-style-type: none"> <li>Understand ratio concepts and use ratio reasoning to solve problems.</li> </ul> <p><b>The Number System</b></p> <ul style="list-style-type: none"> <li>Apply and extend previous understandings of multiplication and division to divide fractions by fractions.</li> <li>Compute fluently with multi-digit numbers and find common factors and multiples.</li> <li>Apply and extend previous understandings of numbers to the system of rational numbers.</li> </ul> <p><b>Expressions and Equations</b></p> <ul style="list-style-type: none"> <li>Apply and extend previous understandings of arithmetic to algebraic expressions.</li> <li>Reason about and solve one-variable equations and inequalities.</li> <li>Represent and analyze quantitative relationships between dependent and independent variables.</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>Solve real-world and mathematical problems involving area, surface area, and volume.</li> </ul> <p><b>Statistics and Probability</b></p> <ul style="list-style-type: none"> <li>Summarize and describe distributions.</li> <li>Develop understanding of statistical variability.</li> </ul>	<ol style="list-style-type: none"> <li>1. Make sense of problems and persevere in solving them.</li> <li>2. Reason abstractly and quantitatively.</li> <li>3. Construct viable arguments and critique the reasoning of others.</li> <li>4. Model with mathematics.</li> <li>5. Use appropriate tools strategically.</li> <li>6. Attend to precision.</li> <li>7. Look for and make use of structure.</li> <li>8. Look for and express regularity in repeated reasoning.</li> </ol>

- Problem Solving & Student Discourse:** The CCSS places an emphasis on problem solving with rigorous tasks. In class, we use student discourse as a tool for learning. This is an important time for students to ask questions for clarification.
- Aspen:** Aspen is a great way to stay on top of your child’s progress. Sometimes, students forget to turn in assignments or can’t remember due dates. This tool allows you to monitor their progress in all classes.
- Big Ideas Curriculum:** We are using Big Ideas this year as our textbook. Big Ideas has a strong balance between real world problem solving and individual math skills. The curriculum has supportive online resources where students can submit work, find resources and utilize live tutors. Your child has been trained in how to use these online resources.
- Grading Policy:** 6<sup>th</sup> grade math follows the MSD grading scale listed below. Students’ grades are based on Tests/Quizzes/Projects (60%) and homework/classwork (40%). Homework will be given out daily (late work will be given partial credit). Test corrections can be done for half credit.

Grade	Percentage Range		<p align="center"><b>Quizzes/Tests/Projects</b> (Summative Assessments) 60% of total grade</p> <p align="center"><b>Homework &amp; Classwork</b> (Formative Assessments) 40% of total grade</p>
A	95% – 100%		
A-	90% - 94%		
B+	87% - 89%		
B	84% - 86%		
B-	80% - 83%		
C+	77% - 79%		
C	74% - 76%		
C-	70% - 73%		
D+	67% - 69%		
D	60%-66%		
F	0%-59%		

Student Name: \_\_\_\_\_ Parent Name: \_\_\_\_\_

Parent email address: \_\_\_\_\_

Parent signature: \_\_\_\_\_