

7th Grade Math	2023-2024 Year-At A-Glance
<p style="text-align: center;"><b>Unit 1</b> Aug 15 - Oct 20</p>	<p style="text-align: center;"><b>Unit 2</b> Oct 23 - Dec 21</p>
<p><b>Students will:</b></p> <ul style="list-style-type: none"> <li>● apply ratios and proportional reasoning to solve real-world problems, connecting math concepts to practical situations.</li> <li>● further develop their understanding of ratios and rates, setting a foundation for future learning in this area.</li> <li>● analyze tables and graphs to identify patterns and relationships in proportional situations.</li> <li>● learn about the practical applications of percentages in everyday life, such as calculating percent increase, percent decrease, profit, discounts, markups, and more.</li> </ul> <p><i>Important Assessments: Universal Screener, 1st 9 Weeks District Assessment</i></p>	<p><b>Students will:</b></p> <ul style="list-style-type: none"> <li>● continue to learn about the practical applications of percentages, such as understanding how they relate to sales taxes and interest calculations.</li> <li>● solve problems involving rational numbers and apply properties of operations to further their mathematical skills.</li> <li>● learn how to write and use equations to solve real-world problems.</li> <li>● represent relationships, both through equations and inequalities, using visual models.</li> </ul> <p><i>Important Assessments: Interim Assessment, 2nd 9 Weeks District Assessment</i></p>
<p style="text-align: center;"><b>Unit 3</b> Jan 9 - Mar 8</p>	<p style="text-align: center;"><b>Unit 4</b> Mar 18 - May 29</p>
<p><b>Students will:</b></p> <ul style="list-style-type: none"> <li>● explore angle relationships, such as complementary and supplementary angles</li> <li>● deepen their understanding of the area and perimeter of two-dimensional shapes.</li> <li>● calculate the surface area and volume of prisms and pyramids.</li> <li>● explore the likelihood of simple and compound events through probability.</li> </ul> <p><i>Important Assessments: Universal Screener, Interim Assessment, TELPAS, 3rd 9 Weeks District Assessment</i></p>	<p><b>Students will:</b></p> <ul style="list-style-type: none"> <li>● learn how to represent and understand data using various tools and techniques.</li> <li>● create simulations to make predictions and comparisons using theoretical and experimental probabilities.</li> <li>● analyze income, expenses, and budgets to develop practical tools for managing finances</li> <li>● make informed financial decisions, and develop responsible money management skills.</li> </ul> <p><i>Important Assessments: Universal Screener, STAAR, 4th 9 Weeks District Assessment</i></p>