

6th Grade Math TEKS

HOUSTON MIDDLE SCHOOL

- [MAT.6.03.A](#) Use ratios to describe proportional situations.
- [MAT.6.03.B](#) Represent ratios and percents with concrete models, fractions, and decimals
- [MAT.6.03.C](#) Use ratios to make predictions in proportional situations.
- [MAT.6.04.A](#) use tables and symbols to represent and describe proportional and other relationships such as those involving conversions, arithmetic sequences (with a constant rate of change) , perimeter and area
- [MAT.6.04.B.](#) use tables of data to generate formulas representing relationships involving perimeter, area, volume, etc.
- [Math.6.08.A](#) Estimate measurements (including circumference) and evaluate reasonableness of results
- [MAT.6.08.B](#) Select and use appropriate units, tools, or formulas to measure and to solve problems involving length (including perimeter), area, time, temperature, volume, and weight
- [MAT.6.08.D](#) Convert measures within the same measurement system (customary and metric) based on relationships between units
- [MAT.6.09.B](#) Find the probabilities of a simple event and its complement and describe the relationship between the two.
- [MAT.6.10.A](#) Select and use an appropriate representation for presenting and displaying different graphical representations of the same data including line plot, line graph, bar graph, and stem and leaf plot.
- [MAT.6.10.C](#) Sketch circle graphs to display data
- [MAT.6.10.D](#) Solve problems by collecting, organizing, displaying, and interpreting data.

TEKS TO BE APPLIED THROUGHOUT THE ENTIRE UNIT

Apply 6th Grade Mathematics to problem solving problems

- [MAT.6.11.A](#) identify and apply mathematics to everyday experiences, to activities in and outside of school, with other disciplines, and with other mathematical topics
- [MAT.6.11.B](#) use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness
- [Mat.6.11.D](#) Select tools such as real objects, manipulatives, paper/pencil, and technology or techniques such as mental math, estimation, and number sense to solve problems.