



NEISD Math Year at a Glance 2025 - 2026
6th Grade Honors

Fall Semester				
Unit Title	Unit 1 Integer Operations and Graphing	Unit 2 Operational Fluency	Unit 3 Proportional Reasoning	Unit 4 Multiple Representations
Time	6 weeks	5 weeks	4 weeks	3 weeks
Understandings	<p>We use coordinate geometry to identify locations on a plane.</p> <p>Accuracy in calculation requires operations to happen in a specific order.</p> <p>The process for finding solutions to integer calculations is different for combining integers than for multiplying/dividing integers.</p>	<p>The order of rational numbers is dependent on their value.</p> <p>The relationships among the operations, numbers and their properties promote computational fluency.</p> <p>Two numbers don't have to look the same to be equivalent.</p> <p>Rational numbers can be represented in a variety of ways.</p>	<p>Ratios can be described as comparisons between quantities with the same attributes.</p> <p>Rates can be described as comparisons between quantities with different attributes.</p> <p>Various methods can be used to determine the part, percent or whole.</p> <p>Benchmark fractions and percentages (and their multiples) can be used to solve everyday problems.</p> <p>Units of measure can be converted using proportions and unit rates.</p> <p>Problems involving ratios and rates can be solved with scale factors, tables, graphs, and proportions.</p> <p>Unit rate represents different formats of the same relationship.</p>	<p>Additive and multiplicative relationships are represented differently.</p> <p>An equation represents the relationship between independent and dependent quantities.</p> <p>Verbal descriptions, tables, graphs, and equations can be used to represent the same relationship.</p>
TEKS Power standards are in bold .	6.2A, B, C (integers only), D 6.3C, D 6.7 A 6.11 A 6.14 H, G 7.2A	6.2 C, D, E 6.3A, B, E 6.4 E,F, G 6.5C 6.14C 7.3A, B	6.4 B, C, D, H 6.5 A, B 6.14 A, B, D, E, F 7.4 B, D , E 7.13 A, B, F	6.4A 6.6A, B, C 6.7B 6.9A, 6.9C *equations only



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Spring Semester					
Unit Title	Unit 5 Algebra	Unit 6 Geometry	Unit 7 Statistics	Unit 8 STAAR Review & Test	Unit 9 Probability
Time	4 weeks	4 weeks	4 weeks	2 week	4 weeks
Understandings	<p>Solutions to equations/inequalities can be represented on a number line.</p> <p>Equations/inequalities can be solved using various models.</p> <p>An equation/inequality remains true when it is evaluated with the solution.</p> <p>Equations/inequalities represent a real situation containing an unknown.</p> <p>Inverse operations are used to solve equations.</p>	<p>Equations can be used to represent geometric concepts.</p> <p>Inequalities can be used to represent geometric concepts.</p> <p>Area and volume can be represented using equations and formulas.</p> <p>Measurement describes the attributes of 2D and 3D figures.</p> <p>All measurements have some degree of uncertainty.</p>	<p>Numeric data can be organized in various graphical representations in order to emphasize various aspects.</p> <p>Numeric data can be analyzed, summarized, and compared using measures of center, shape and spread.</p> <p>Categorical data can be summarized numerically or graphically.</p>	<p>There are multiple ways to represent the same number or the same information</p> <p>Writing and solving an equation is a strategy for making predictions, making conversions, and finding an unknown</p> <p>Efficient problem solving includes analyzing the problem, organizing the given information, and determining a solution.</p>	<p>Sample spaces can be represented in various forms.</p> <p>Theoretical probability is the outcome of the favorable outcomes over all possible outcomes.</p> <p>Experimental probability is the outcome based on a simulation or an experiment.</p> <p>A compound event is made up of two or more simple events</p> <p>Qualitative descriptions and quantitative descriptions are used to explain the probability of an event.</p> <p>A simple event and its complement equal 100%</p>
TEKS Power standards are in bold.	6.7C, D 6.9A, B, C 6.10A , B	6.8A, B, C, D 6.10A 7.8A, B 9A, C (not circles)	6.12A, B, C, D 6.13A , B 7.6F, G 7.12A, B, C	All 6th Grade TEKS	7.6 A, B, C, D , E, H, I 7.12 B