

Grade 6 Mathematics

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| Number Sense and Numeration |
| <i>Overall Expectations</i> |
| <ul style="list-style-type: none">• read, represent, compare, and order whole numbers to 1 000 000, decimal numbers to thousandths, proper and improper fractions, and mixed numbers;• solve problems involving the multiplication and division of whole numbers, and the addition and subtraction of decimal numbers to thousandths, using a variety of strategies;• demonstrate an understanding of relationships involving percent, ratio, and unit rate. |
| Measurement |
| <i>Overall Expectations</i> |
| <ul style="list-style-type: none">• estimate, measure, and record quantities, using the metric measurement system;• determine the relationships among units and measurable attributes, including the area of a parallelogram, the area of a triangle, and the volume of a triangular prism. |
| Geometry and Spatial Sense |
| <i>Overall Expectations</i> |
| <ul style="list-style-type: none">• classify and construct polygons and angles;• sketch three-dimensional figures, and construct three-dimensional figures from drawings;• describe location in the first quadrant of a coordinate system, and rotate two-dimensional shapes. |
| Patterning and Algebra |
| <i>Overall Expectations</i> |
| <ul style="list-style-type: none">• describe and represent relationships in growing and shrinking patterns (where the terms are whole numbers), and investigate repeating patterns involving rotations;• use variables in simple algebraic expressions and equations to describe relationships. |
| Data Management and Probability |
| <i>Overall Expectations</i> |
| <ul style="list-style-type: none">• collect and organize discrete or continuous primary data and secondary data and display the data using charts and graphs, including continuous line graphs;• read, describe, and interpret data, and explain relationships between sets of data;• determine the theoretical probability of an outcome in a probability experiment, and use it to predict the frequency of the outcome. |