Number Sense
Students understand and apply concepts of numbers and their relationships, including counting, comparing, ordering, and understanding equivalence, and number theory.

Estimation and Computation
Students understand the processes for computation and can accurately compute with whole numbers, decimals, fractions, and percents.

Algebra
Students understand and apply algebra concepts including solving equations by identifying equivalent equations using properties of operations, simplifying algebraic expressions, solving equations and inequalities, interpreting graphs, and solving functions with different representations.

Measurement
Students understand and apply concepts of measurement, including length, area, volume, capacity, weight, and time, using appropriate units and tools.

Statistics and Probability
Students understand and apply concepts of statistics and probability, including data collection, analysis, and interpretation, and understanding the role of probability in making conjectures and predictions.

Geometry
Students understand and apply concepts of geometry, including points, lines, angles, polygons, circles, and solids, and understanding geometric relationships, transformations, and symmetry.

Chemistry
Students understand and apply concepts of chemistry, including matter, chemical reactions, and understanding the role of chemistry in everyday life.

Problem Solving, Reasoning, and Proofs
Students understand and apply the processes of problem solving, reasoning, and proving, including identifying strategies, validating conjectures, and using models to represent and solve problems.

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