Math 101 Objectives

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|  | **Steck-Vaughn** |
| Class 1 | \*Whole numbers **(Unit 1, Lesson 1)**  \*Operations **(Unit 1, Lesson 2)**  \*Integers **(Unit 1, Lesson 3)**  \*Fractions **(Unit 1, Lesson 4)** |
| Class 2 | \*Ratios and Proportions **(Unit 1, Lesson 5)**  \*Decimals **(Unit 1, Lesson 6)**  \*Percent **(Unit 1, Lesson 7)**  \*Measurements and Units of measure **(Unit 2, Lesson 1)** |
| Class 3 | \*Length, area, volume **(Unit 2, Lesson 2)**  \*Mean, median, mode **(Unit 2, Lesson 3)**  \*Probability **(Unit 2, Lesson 4)** \*Bar and Line Graphs **(Unit 2, Lesson 5)** |
| Class 4 | \*Circle graphs **(Unit 2, Lesson 6)**  \*Dots plot, histograms, box plots **(Unit 2, Lesson 7)**  \*Algebraic expressions and variables **(Unit 3, Lesson 1)**  \*Equations **(Unit 3, Lesson 2)** |
| Class 5 | \*Squaring, cubing, and taking roots **(Unit 3, Lesson 3)**  \*Exponents and scientific notation **(Unit 3, Lesson 4)**  \*Patterns and functions **(Unit 3, Lesson 5)**  \*One-variable linear equations **(Unit 3, Lesson 6)** |
| Class 6 | \*Two-variable linear equations **(Unit 3, Lesson 7)**  \*Factoring **(Unit 3, Lesson 8)** \*Rational Expressions and equations **(Unit 3, Lesson 9)** \*Solving graph inequalities **(Unit 3, Lesson 10)** |
| Class 7 | \*Coordinate grid **(Unit 3, Lesson 11)**  **\***Graphing linear equations **(Unit 3, Lesson 12)**  \*Slope **(Unit 3, Lesson 13)**  \*Using slope to solve geometric problems **(Unit 3, Lesson 14)** |
| Class 8 | \*Graphing quadratic equations **(Unit 3, Lesson 15)**  \*Evaluation of functions **(Unit 3, Lesson 16)**  \*Comparison of functions **(Unit 3, Lesson 17)**  \*Triangles and quadrilaterals **(Unit 4, Lesson 1)** |
| Class 9 | \*Pythagorean Theorem **(Unit 4, Lesson 2)**  \*Polygons **(Unit 4, Lesson 3)**  \*Circles **(Unit 4, Lesson 4)**  **\***Composite plane figures **(Unit 4,**  **Lesson 5)** |
| Class 10 | \*Scale drawings **(Unit 4, Lesson 6)**  \*Prisms and cylinders **(Unit 4, Lesson 7)**  **\***Pyramids, cones, spheres **(Unit 4, Lesson 8)**  \*Composite solids **(Unit 4, Lesson 9)** |