**CCSS Math 6 Vocabulary Overview**

(As written in the Common Core Standards and DPI Unpacked document)

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| **6.RP** | **Understand ratio concepts and use ratio reasoning to solve problems.** |
| Ratio | Equivalent ratios | Tape diagram | Unit rate |
| Part-to-Part | Part-to-Whole | Percent | Multiplicative reasoning |
| Double number line | Percent bars | Ratio tables | Convert measurement units |
| Rate | Equation | Properly say: 1 to 3, 1:3 or $\frac{1}{3}$ |  |
| **6.NS** | **Apply and extend previous understandings of multiplication and division to divide fractions by fractions AND Compute fluently with multi-digit numbers and find common factors and multiples AND Apply and extend previous understandings of numbers to the system of rational numbers.** |
| Reciprocal | Multiplicative Inverses | Visual fraction model | Unit Fractions |
| Number Line | Multi-digit | Estimation | Greatest Common Factor |
| Least Common Multiple | Prime Number | Composite Numbers | Venn Diagram |
| Rational Numbers | Opposites | Absolute Value | Greater than |
| > | Less than | < | Greater than or equal to ≥ |
| Less than or equal to ≤ | Origin | Quadrants | Coordinate plane |
| Ordered pairs | x-axis | y-axis | coordinates |
| Positive number | Negative number | Integer | Inequality |
| Relatively prime | Factors | Multiples | Distributive property |
| Prime factorization | Estimate | Rational Numbers | Symbol “| |” |
| **6.EE** | **Apply and extend previous understandings of arithmetic to algebraic expressions AND Reason about and solve one-variable equations and inequalities AND Represent and analyze quantitative relationships between dependent and independent variables.** |
| Exponents | Base | Numerical expressions | Algebraic expressions |
| Evaluate | Sum | Term | Product |
| Factor | Quantity | Quotient | Coefficient |
| Constant | Like terms | Equivalent expressions | Variables |
| Inequalities | Equations | Greater than | > |
| Less than | < | Greater than or equal to  | ≥ |
| Less than or equal to  | ≤ | Profit | Exceed |
| Dependent variables | Independent variables | Discrete data | Continuous data |
| Solution | Infinitely many solutions | Simplifying the expression |  |
| **6.G** | **Solve real-world and mathematical problems involving area, surface area and volume.** |
| Area | Surface area | Volume | Decomposing |
| Edges | Dimensions | Net | Vertices |
| Face | Base | Height | Trapezoid |
| Isosceles | Right triangle | Quadrilateral | Rectangles |
| Squares | Parallelograms | Trapezoid | Rhombi |
| Kites | Right rectangular prism | Diagonal | Horizontal |
| Vertical |  |  |  |
| **6.SP** | **Develop understanding of statistical variability AND Summarize and describe distributions.** |
| Statistics | Data | Variability | Distribution |
| Dot Plot | Histograms | Box Plots | Median |
| Mean | Frequency Tables | Cluster | Peak |
| Gap | Interquartile Range (IQR) | Measures of Center | Measures of Variability |
| Data | Mean Absolute Deviation (M.A.D.) | Quartiles | Lower Quartile (1st quartile or Q1) |
| Upper Quartile (3rd quartile or Q3) | Symmetrical | Skewed | Summary statistics |
| Outlier | Tree Diagram | Spread | Center |
|  | Collecting data | Analyzing data | Interpreting data |  |