6th Grade Math

Overview
What should your child master (m) after leaving 6th grade? What exposure (e) will they have that will build as they continue middle school math? Check out the recently updated North Dakota Content Standards for a full report.

Basics	GCF & LCM of numbers less than 12 (m)
Numbers & Operations	Basic understanding of rational numbers & opposites (m) Divide multi-digit whole numbers (m) +, -, x, / fractions & decimals (m)
Algebraic Reasoning	Compare ratios (e) Calculate unit rate (e) Calculate percent (e)
Expressions & Equations	Order of operations (m) Evaluate expressions (e) Solve one step equations (e) Solve equations w/ variables (e) Understand & solve inequalities (e)
Geometry & Measurement	Area of triangle (m) Volume of rectangular prism (m) Coordinate plane: 4 quadrants (m) Surface area of 3D figures w. nets (e)
Data, Probability, & Statistics	Ask statistical question (e) Measure mean, median, mode, range (e) Identify outliers (e) Use various graphs & diagrams to display patterns in data (e)

(m): Mastered by the end of 6th grade | (e): Exposed to & proficient. Will build skills in 7th.