6ᵗʰ Grade Math Learning Goals

#	Learning Goal	Standard(s)
6-1	Apply and extend previous understandings of multiplication and division to divide fractions by fractions.	6.NS.1.1
6-2	Compute fluently with multi-digit numbers and find common factors and multiples	6.NS.2.2 6.NS.2.3 6.NS.2.4
6-3	Understand ratio concepts and use ratio reasoning to solve problems.	6.RP.1.1 6.RP.1.2 6.RP.1.3
6-4	Apply and extend previous understandings of arithmetic to algebraic expressions.	6.EE.1.1 6.EE.1.2 6.EE.1.3 6.EE.1.4
6-5	Apply and extend previous understandings of numbers to the system of rational numbers using number lines.	6.NS.3.5 6.NS.3.6a,c 6.NS.3.7
6-6	Apply and extend previous understandings of numbers to the system of rational numbers on the coordinate plane.	6.NS.3.6b,c 6.NS.3.8
6-7	Reason about and solve one-variable equations and inequalities.	6.EE.2.5 6.EE.2.6 6.EE.2.7 6.EE.2.8
6-8	Represent and analyze quantitative relationships between dependent and independent variables.	6.EE.3.9
6-9	Solve real-world and mathematical problems involving area of two-dimensional figures.	6.G.1.1 6.G.1.3
6-10	Solve real-world and mathematical problems involving volume and surface area of three-dimensional figures.	6.G.1.2 6.G.1.4
6-11	Develop understanding of statistical variability.	6.SP.1.1 6.SP.1.2 6.SP.1.3
6-12	Summarize and describe data distributions.	6.SP.2.4 6.SP.2.5