**6th Grade Math**

**Learning Goals**

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| **#** | **Learning Goal** | **Standard(s)** |
| 601 | 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 |
| 602 | 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 |
| 603 | Represent and analyze quantitative relationships between dependent and independent variables. | 6.EE.3.9 |
| 604 | Understand ratio concepts and use ratio reasoning to solve problems. | 6.RP.1.1, 6.RP.1.2, 6.RP.1.3 |
| 605 | Apply and extend previous understandings of multiplication and division to divide fractions by fractions. | 6.NS.1.1 |
| 606 | Compute fluently with multi-digit numbers and find common factors and multiples | 6.NS.2.2, 6.NS.2.3, 6.NS.2.4 |
| 607 | Apply and extend previous understandings of numbers to the system of rational numbers. | 6.NS.3.5, 6.NS.3.6, 6.NS.3.7, 6.NS.3.8 |
| 608 | Develop understanding of statistical variability. | 6.SP.1.1, 6.SP.1.2, 6.SP.1.3 |
| 609 | Summarize and describe statistical distributions. | 6.SP.2.4, 6.SP.2.5 |
| 610 | Solve real-world and mathematical problems involving area. | 6.G.1.1, 6.G.1.3 |
| 611 | Solve real-world and mathematical problems involving volume. | 6.G.1.2 |
| 612 | Solve real-world and mathematical problems involving surface area. | 6.G.1.4 |