# Tantasqua/Union 61 2015-2016 Alignment Sheets-Assessed Math Standards
## Grade 6

| T1 Standards Covered and Assessed | T2 Standards Covered and Assessed | T3 Standards Covered and Assessed |
|---|---|---|
| 6.NS.2 Divide whole numbers | 6.RP.1 Ratios to describe relationships | 6.G.1 Area of triangles, quadrilaterals, and polygons |
| 6.NS.3 Add and subtract decimals | 6.RP.2 Ratios and unit rates | 6.G.MA.1.a and b Area and circumference of circles |
| 6.NS.3 Multiply and divide decimals | 6.RP.3a Solve ratios with equivalent ratio tables, plot on coordinate plane | 6.G.2 Volume (including fractions) |
| 6.NS.4 Greatest common factor and distributive property | 6.RP.3b Solve unit rate problems (unit pricing, constant) | 6.G.3 Draw polygons on coordinate plane and find length of sides (horizontal and vertical) |
| 6.NS.4.MA.4a Prime factorization | 6.RP.3c Percents, use ratios | 6.G.4 Nets and surface area |
| 6.NS.1 Divide fractions, contextual and visual | 6.RP.3d Convert units with ratios | 6.SP.1 and 6.SP.5ab Statistical questions and number of observations, attribute measured |
| 6.NS.5 Contextual negative and positive numbers | 6.EE.5 Solving equations and inequalities from a set | 6.SP.2 and 3 A set of data collected to answer a question has a distribution which can be described by its center, spread, and overall shape |
| 6.NS.6 Negative and positive rational numbers on number lines and coordinate planes | 6.EE.7 Solve problems by writing and solving 1 step equations | 6.SP.4 Dot plots, histograms, box plots |
| 6.NS.7 Order rational numbers and absolute value | 6.EE.8 Inequalities- write, use to solve, find solutions to, number lines | 6.SP.4.MA.4.a Read and interpret circle graphs |
| 6.NS.8 Solve problems by graphing rational numbers on coordinate plane, distance | 6.EE.9 Relationships between 2 variables, graphs | 6.RP.3.MA.3.e Mass of an object related to its volume |

**Standards Key:**

| PARCC Major Clusters | PARCC Supporting Clusters | PARCC Additional Clusters |
|---|---|---|

**Notes:** Columns represent the standards to be taught in each trimester. Common assessments will be administered at the end of each trimester. Some standards require greater emphasis, however, all standards must be taught. For complete description of standards refer to the Massachusetts Curriculum Frameworks for Mathematics 2011 incorporating the Common Core State Standards for Mathematics.