Grade 8/Pre-Algebra 8/Pre-Algebra HS At-a-Glance

Semester 1

Unit 1 *(1-2 weeks)*	Unit 2 *(3-4 weeks)*	Unit 3 *(3-4 weeks)*	Unit 4 *(1-2 weeks)*	Unit 5 *(3-4 weeks)*	Unit 6 *(2-3 weeks)*
Rational Numbers & Decimal Expansion	**Linear Equations in One Variable**	**Integer Exponents & Scientific Notation**	**Introduction to Functions**	**Understand Connections between Proportional Relationships, Lines, Linear Equations**	**Use Functions to Model Relationships between Quantities**
NS.A.1(part)	EE.C.7 EE.C.7a EE.C.7b	EE.A.1 EE.A.3 EE.A.4	F.A.1	EE.B.5 EE.B.6 F.A.2 F.A.3	F.A.3 F.B.4 F.B.5

Semester 2

Unit 7 *(2-3 weeks)*	Unit 8 *(2-3 weeks)*	Unit 9 *(1-2 weeks)*	Unit 10 *(2-3 weeks)*	Unit 11 *(2-3 weeks)*	Unit 12 *(1-2 weeks)*	Unit 13 *(1-2 weeks)*	Unit 14 *(1 week)*
Analyze and Solve Pairs of Simultaneous Linear Equations	**Investigate Patterns of Association in Bivariate Data**	**Define and Approximate Irrational Numbers; Work with Square & Cube Roots**	**Understand and Apply the Pythagorean Theorem**	**Understand Trans-formations and Congruence**	**Understand Trans-formations and Similarity**	**Use Informal Arguments to Establish Angle Relationships in Triangles & Parallel Lines**	**Solve Real-World/Math Problems Involving Volume of Cylinders, Cones and Spheres**
EE.C.8 EE.C.8a EE.C.8b EE.C.8c	SP.A.1 SP.A.2 SP.A.3 SP.A.4	NS.A.1(part) NS.A.2 EE.A.2	G.B.6 G.B.7 G.B.8	G.A.1 G.A.2 G.A.3	G.A.3 G.A.4	G.A.5 EE.B.6	G.C.9

Major (m) clusters approx. 27-28 weeks
Additional/Supporting (a/s) clusters approx. 7-9 weeks

In order to preserve the focus and coherence of the Standards, both assessment consortia have designated clusters at each grade level as major, additional or supporting, with clusters designated as major comprising at least 65% and up to approximately 85% of class time (*Achieve the Core*, June 2013). SBAC materials state that the "overall ratio on the assessment of content in high-priority clusters should be about 3:1" (*Content Specifications for the Summative Assessment of CCSSM,* June, 2013). Cluster designation from SBAC's Math Summative Assessment Blueprint, as of 4/21/14. *Document Updated September 30, 2014*