

Year at a Glance

M/J Pre - Algebra

Quarter 1			
August 19 - October 25			
Unit	Title	estimated timeframe	
Unit 4	Rational and Irrational Numbers	6.5 blocks	8.19.13 - 9.10.13
Unit 12	Exponents and Scientific Notation	5.5 blocks	9.11.13 - 9.26.13
Unit 5	Pythagorean Theorem	5 blocks	9.27.13 - 10.10.13
Unit 6	Functions (Q1 & Q2 - 6.5 blocks total)	4 blocks	10.11.13 - 10.25.13

Q1 DFA: Units 4, 5, 12

Quarter 2			
October 28 - December 20			
Unit	Title	estimated timeframe	
Unit 6	Functions (Q1 and Q2 - 6.5 blocks total)	2.5 blocks	10.28.13 - 11.1.13
Unit 7	Introduction to Linearity	5 blocks	11.4.13 - 11.18.13
Unit 9	Nonlinear functions	3 blocks	11.19.13 - 11.26.13
Unit 10	Solving Linear Equations (Q2 & Q3 - 8 blocks total)	5 blocks	12.2.13 - 12.20.13

S1 DFA: Units 4, 5, 6, 7, 9, 12, 10 (not multi-step equations/inequalities); emphasis Q2

Quarter 3			
January 6 - March 14			
Unit	Title	estimated timeframe	
Unit 10	Solving Linear Equations (Q2 & Q3 - 8 blocks total)	3 blocks	1.7.14 - 1.14.14
Unit 11	Systems of linear equations	8 blocks	1.15.14 - 2.7.14
Unit 3 NGSSS	Proportionality and Measurement	7 blocks	2.10.14 - 2.28.14
Unit 13	Geometric Relationships (Q3 & Q4 - 6 blocks total)	4 blocks	3.3.14 - 3.13.14

Q3 DFA: Units 10, 11, 3, 13 (angle relationships, parallel and perpendicular lines)

Quarter 4			
March 24 - June 5			
Unit	Title	estimated timeframe	
Unit 13	Geometric Relationships (Q3 & Q4 - 6 blocks total)	2 blocks	3.24.14 - 3.28.14
Unit 8	Patterns of association in bivariate data	9 blocks	3.31.14 - 4.24.14
Unit 14	Volumes of cones, spheres, and cylinders	6 blocks	4.25.14 - 5.13.14
Unit 2	Understanding congruence through transformations	6 blocks	5.14.14 - 6.5.14

S2 DFA: Units 2, 3, 8, 10, 11, 13, 14; emphasis Q4

Standards of Mathematical Practice (SMP):

(MP1 and MP6 should be addressed in every lesson/learning opportunity.)

*MP1- Make sense of problems and persevere in solving them.(PPS)

MP2- Reason abstractly and quantitatively.(RA/Q)

MP3- Construct viable arguments and critique the reasoning of others.(VA/CR)

MP4- Model with mathematics. (MM)

MP5- Use appropriate tools strategically. (TS)

*MP6- Attend to precision. (AP)

MP7- Look for and make use of structure. (LUS)