M/J GRADE 8 PRE-ALGEBRA 2015-2016

Monday	Tuesday	Wednesday	Thursday	Friday
17 August **Begin 1st 9 Weeks** Welcome, Class Rules and Expectations	**18** Review	**19** Review	**20** 1.1 Rational & Irrational Numbers	**21** 1.2 Sets of Real Numbers
			Unit 1: Real Numbers, Exponents, & Scientific	
24 1.2 Sets of Real Numbers	**25** 1.3 Ordering Real Numbers	**26**	**27** Reteach, Review, Enrich	**28** 2.1 Integer Exponents
Unit 1: Real Numbers, Exponents, & Scientific Notation				
31 2.1 Integer Exponents	**1 September** 2.2 Scientific Notation w/ Positive Powers of 10	**2** 2.3 Scientific Notation w/ Negative Powers of 10	**3** 2.4 Operations w/ Scientific Notation	**4**
Unit 1: Real Numbers, Exponents, & Scientific Notation				
7 HOLIDAY	**8** Reteach, Review, Enrich (Unit 1)	**9** FSQ Unit 1	**10** 3.1 Representing Proportional Relationships	**11**
Unit 1: Real Numbers, Exponents, &			Unit 2A: Proportional & Non-Proportional	
14 HOLIDAY	**15** 3.2 Rate of Change and Slope	**16**	**17 LTM/PDD** 3.3 Interpreting the Unit Rate as Slope	**18**
Unit 2A: Proportional & Non-Proportional Relationships				
21 3.3 Interpreting the Unit Rate as Slope	**22** Reteach, Review, Enrich	**23** HOLIDAY	**24** 4.1 Representing Linear Non-Proportional Relationships	**25**
Unit 2A: Proportional & Non-Proportional			Unit 2A: Proportional & Non-Proportional	
28 4.2 Determining Slope & y-Intercept	**29**	**30** 4.3 Graphing Linear Non-Proportional Relationships Using Slope and y-Intercept	**1 October**	**2** 4.4 Proportional & Non-Proportional Situations
Unit 2A: Proportional & Non-Proportional Relationships				
5 4.4 Proportional & Non-Proportional Situations	**6** Reteach, Review, Enrich (Units 1 & 2A)	**7** USA Units 1 & 2A	**8 LTM/PDD** Reteach, Review, Enrich	**9** Reteach, Review, Enrich
Unit 2A: Proportion				
12 5.1 Writing Linear Equations from Situations & Graphs	**13**	**14** 5.2 Writing Linear Equations from a Table	**15**	**16** 5.3 Linear Relationships & Bivariate Data
Unit 2B: Functions				
19 5.3 Linear Relationships & Bivariate Data	**20 LTM/PDD**	**21** Reteach, Review, Enrich	**22** End of 1st Nine Weeks Reteach, Review, Enrich	**23** **Teacher Work Day**
Unit 2B: Functions				

The Suggested Pacing Calendars are based upon daily 50-minute lessons. Schools on block will need to teach 2 lessons per day.

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Monday	Tuesday	Wednesday	Thursday	Friday
26 October **Begin 2nd 9 Weeks** **6.1** Identifying & Representing Functions	27	28 **6.2** Describing Functions	29	30 **6.3** Comparing Functions
Unit 2B: Functions				
2 November **6.3** Comparing Functions	3 **6.4** Analyzing Graphs	4	5 Reteach, Review, Enrich (Unit 2B)	6 FSQ Unit 2B
Unit 2B: Functions				
9 **7.1** Equations w/ the Variable on Both Sides	10	11 **HOLIDAY**	12 **7.2** Equations w/ Rational Numbers	13
Unit 3: Solving Equations & Systems			*Unit 3: Solving Equations & Systems*	
16 **Teacher Work Day**	17 **7.3** Equations w/ the Distributive Property	18	19 **7.4** Equations w/ Many Solutions or No Solutions	20
	Unit 3: Solving Equations & Systems			
23 Reteach, Review, Enrich (Unit 3-partial)	24 FSQ Unit 3 Module 7	25 **HOLIDAY**	26 **HOLIDAY**	27 **HOLIDAY**
Unit 3: Solving Equations & Systems				
30 **8.1** Solving Systems of Linear Equations by Graphing	**1 December**	2 **8.2** Solving Systems by Substitution	3	4 **8.3** Solving Systems by Elimination
Unit 3: Solving Equations & Systems				
7 **8.3** Solving Systems by Elimination	8 **8.4** Solving Systems by Elimination w/ Multiplication	9	10 **8.5** Solving Special Systems	11
Unit 3: Solving Equations & Systems				
14 Reteach, Review, Enrich (Units 2B & 3)	15 Reteach, Review, Enrich (Units 2B & 3)	16 Reteach, Review, Enrich (Units 2B & 3)	17 USA Units 2B & 3	18 End of 2nd Nine Weeks Reteach, Review, Enrich
21 **HOLIDAY**	22 **HOLIDAY**	23 **HOLIDAY**	24 **HOLIDAY**	25 **HOLIDAY**
28 **HOLIDAY**	29 **HOLIDAY**	30 **HOLIDAY**	31 **HOLIDAY**	**1 January** **HOLIDAY**

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Monday	Tuesday	Wednesday	Thursday	Friday
4 January **Teacher Work Day**	**5** Begin 3rd 9 Weeks **9.1** Properties of Translations	**6**	**7** **9.2** Properties of Reflections	**8**
		Unit 4: Transformational Geometry		
11 **9.3** Properties of Rotations	**12**	**13** **9.4** Algebraic Representation of Transformations	**14**	**15**
		Unit 4: Transformational Geometry		
18 **HOLIDAY**	**19** **9.5** Congruent Figures	**20**	**21** Reteach, Review, Enrich	**22** **10.1** Properties of Dilations
		Unit 4: Transformational Geometry		
25 **10.1** Properties of Dilations	**26** **10.2** Algebraic Representations of Dilations	**27**	**28** **10.3** Similar Figures	**29**
		Unit 4: Transformational Geometry		
1 February Reteach, Review, Enrich (Unit 4)	**2** FSQ Unit 4	**3** **11.1** Parallel Lines Cut by a Transversal	**4 LTM/PDD**	**5**
Unit 4: Transformational Geometry		Unit 5: Measurement Geometry		
8 **11.2** Angle Theorems for Triangles	**9**	**10** **11.3** Angle-Angle Similarity	**11**	**12** Reteach, Review, Enrich
		Unit 5: Measurement Geometry		
15 **TEACHER WORK DAY**	**16** **12.1** The Pythagorean Theorem	**17**	**18** **12.2** Converse of Pythagorean Theorem	**19**
		Unit 5: Measurement Geometry		
22	**23 LTM/PDD** **12.3** Distance Between Two Points	**24**	**25** Reteach, Review, Enrich	**26** **13.1** Volume of Cylinders
		Unit 5: Measurement Geometry		
29 FSA Writing **13.1** Volume of Cylinders	**1 March** **FSA Writing** **13.2** Volume of Cones	**2** FSA Writing	**3** FSA Writing **13.3** Volume of Spheres	**4** FSA Writing
		Unit 5: Measurement Geometry		
7 Reteach, Review, Enrich (Units 4 & 5)	**8** Reteach, Review, Enrich Units (4 & 5)	**9** USA Unit 4 & 5	**10** Reteach, Review, Enrich	**11** **14.1** Scatter Plots & Association
Unit 5: Measurement Geometry				Unit 6: Statistics
14 **14.1** Scatter Plots & Association	**15** **14.2** Trend Lines & Predictions	**16**	**17** End of 3rd Nine Weeks Reteach, Review, Enrich	**18** **TEACHER WORK DAY**
		Unit 6: Statistics		

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Monday	Tuesday	Wednesday	Thursday	Friday
21 March **HOLIDAY**	**22** **HOLIDAY**	**23** **HOLIDAY**	**24** **HOLIDAY**	**25** **HOLIDAY**
28 Begin 4th 9 Weeks **15.1** Two-Way Frequency Tables	**29**	**30** **15.2** Two-Way Relative Frequency Tables	**31**	**1 April** Reteach, Review, Enrich (Unit 6)
Unit 6: Statistics				
4 FSQ Unit 6 **Unit 6: Statistics**	**5** FSA Review	**6** FSA Review	**7** FSA Review	**8** FSA Review
11	**12**	**13**	**14**	**15**
FSA Assessment Window				
18	**19**	**20**	**21**	**22**
FSA Assessment Window				
25	**26**	**27**	**28**	**29**
FSA Assessment Window				
2 May	**3**	**4**	**5**	**6**
FSA Assessment Window				
9	**10**	**11**	**12**	**13**
Post-Assessment Content				
16	**17**	**18**	**19**	**20**
Post-Assessment Content				
23	**24**	**25**	**26**	**27**
Post-Assessment Content				
30 **HOLIDAY**	**31**	**1 June**	**2** End of 4th Nine Weeks	**3** **Post School**
	Post-Assessment Content			