

**Pacific Charter Institute
Pacing Guide 2020-2021
Grade(s): 8 Subject Area: 8th Integrated Math Readiness**

Week	Common Core State Standard(s)	Focus Skill & Specific Daily Lesson Objectives	Instructional Materials (Guided/Independent)	Response To Intervention Materials to Use	Assessment/Benchmark/ Performance Tasks	Notes:
Week 1 8/17		Work Samples				
Week 2 8/24	8.NS.1 8.NS.2 8.EE.2 7.NS.1 7.NS.1b	Real Numbers Adding Integers	(8 th) 1.1-1.3 (7 th)1.1-1.2			*Skip exponents until Semester 2 - Weeks 24-25
Week 3 8/31	7.NS.1c 7.NS.1a, 7.NS.1b, 7.NS.1d, 7.NS.3	Subtracting Integers Adding & Subtracting Real Numbers	(7 th)1.3-1.4 (7 th)3.2 - 3.3			
Week 4 9/7 Monday Holiday	7.NS.2, 7.NS.2a 7.NS.2c 7.NS.2, 7.NS.2b, 7.NS.3 7.NS.2c 7.EE.3	Multiply Real Numbers Divide Real Numbers	(7 th)2.1 and 3.4 7 th)2.2 and 3.5/3.6			
Week 5 9/14	8.EE.7, 8.EE.7b	Solving Algebraic Equations Both days	(8 th)7.1 and 7.2 If needed, see 7 th : Module 6		Quiz on Operations with Real Numbers	Math = Love Mrs. Newell's Class The Four 4s
Week 6 9/21	8.EE.7b 8.EE.7a	Solving Algebraic Equations	(8 th)7.3 and 7.4			Math = Love Mrs. Newell's Class
Week 7 9/28	8.EE.6 8.F.4	Quiz Representing Proportional Relationships	(8 th) 3.1		Quiz on Solving Algebraic Equations PMPT 1(Through equations)	

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Week 8 10/5	8.EE.5 8.F.2 8.F.4 8.EE.6 8.F.4	Rate of Change/Slope & Unit Rate Representing Linear Nonproportional Relationships & Determining Slope and y-intercept	(8 th) 3.2-3.3 (8 th) 4.1-4.2			
Week 9 10/12	F-IF.7a 8.F.2 8.F.3 8.F.4 F-IF.6	Using Intercepts Interpreting Rate of Change and Slope	(IM1) 5.2 (8 th) 4.3 Graphing Linear, Nonproportional relationships (IM1) 5.3 (8 th)4.4 Proportional/nonproportional situations			
Week 10 10/19		Graphing Linear Equations Quiz	Use Worksheets Graphing Pictures Fun Day!!!		Quiz on Linear Equations	
Week 11 10/26	8.F.1 8.F.3 8.EE.5 8.F.2 8.F.4	Identifying, Representing, and Describing Functions 6.3 Comparing Functions	(8 th) 6.1-6.2. (8 th) 6.3			
Week 12 11/2	 F-IF.7a	Quiz Slope-Intercept Form	 (IM1)6.1		Quiz on Functions	
Week 13 11/9	A-CED.2	Standard Form	(IM1)6.3			

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Wednesday Veteran's Day						
Week 14 11/16	8.EE.8, 8.EE.8a, 8.EE.8c 8.EE.8b	Solving Systems by Graphing Solving Systems by Substitution	(8 th) 8.1 (8 th) 8.2		(PMPT 2 W/Th - Linear Equations)	
11/23 Thanksgiving						
Week 15 11/30	8.EE.8b, 8.EE.8c	Solving by Elimination Solving by Elimination with Multiplication	(8 th) 8.3 (8 th) 8.4			
Week 16 12/7	8.EE.8b, 8.EE.8c	Solving Special Systems Test	(8 th)8.5		Test on Systems of Equations	
Week 17 12/14						
12/21 Christmas Break						
12/28 Christmas Break						
Week 18 1/4		Work Samples				
Week 19 1/11	7.SP.3 7.SP.4	Data & sampling Mean, Median, Mode Box plots & line plots	(7 th)Module 10 overview (Reteach ws) (IM1) transition skill 28 (7 th)11.1 (dot plots) (7 th)11.2 – 11.3 (box plot)			Introduce Project "choose a question & how will you collect data?"

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		Histograms	(IM1) transition skill 29 (IM1) transition skill 30			
Week 20 1/18 Monday Holiday	8.SP.1 8.SP.2, 8.SP.3 8.SP.4	Stats: Scatterplots Stats: Scatterplots, 2-Way Table	(8 th)14.1 (scatter plot) (8 th)14.2 (trend line) (8 th)15.1 (table) (IM1) transition skill 25			Project step 2: collect and organize data
Week 21 1/25	8.SP.4	Stats: Scatterplots, 2-Way Table Calculator Lesson – enter data into a list, calculate stats, graph/plot	GM8 – 15.2 (relative freq.) IM1 transition skill 26			Project step 3: display and explain data. Predictions / conclusions HP Prime Free App
Week 22 2/1		Applications at teacher discretion. Prepare for project presentation.				Project step 4: Present
Week 23 2/8		Unit project			Are you Ready? quiz	
2/15 President's Week						
Week 24 2/22	8.EE.1 8.NS.1, 8.NS.2, 8.EE.2	Exponents and Roots Estimate roots Simplify roots	(8 th) 2.1 (IM1) Transition skill 5 (8 th) 1.1 Find lesson/practice			Make sure kids build a squares and cubes table (or skip count)

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Week 25 3/1	8.EE.1 7.G.5	Exponents and Roots Lines and Angles (naming conventions, complementary, supplementary, adjacent) VOCABULARY (flash cards w/ pics) Angles around a vertex (Vertical Angles) Intro: name the reason (why) for equations that we write (use academic vocab.)	(8 th) 2.1 (IM1) Transition skill 5 (7 th) 8.4 lesson Transition skill IM1 #34 Add vocabulary to each section			VOCABULARY Giving a reason for each choice you make - Why? Suggest: book ring for flash cards
Week 26 3/8	8.EE.7b, 8.G.5	Lines and Angles: Around a transversal (AIA, AEA, SSIA, CA) Both days	(8 th) 11.1 lesson Practice part 1: Practice part 2:			
Week 27 3/15	8.EE.7, 8.EE.7b, 8.G.5	Lines and Angles: Angles in a triangle (classification, triangle sum) w/equations Both days	(8 th) 11.2 lesson Explore activities IM1 transition skill 37			
Week 28 3/22	8.G.1 8.G.3	Constructions Transformations: translation, reflection Both days	(8 th) 9.1, 9.2 (9.4 incorporated) IM1 transition skill 33, 42-44			
3/29 Spring Break						

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Week 29 4/5 No School Monday	8.G.1 8.G.3	Constructions Transformations: rotation, composition Both days	(8 th) 9.3, (9.4 incorporated) (IM1) transition skill 33, 42-44			
Week 30 4/12	8.G.2 7.G.2	Constructions Congruency/Similarity of figures (ASA, SAS, HL, CPCTC, Reflexive, Transitive)	(8 th) 9.5 (IM1 M16) (7 th) 8.2 IM1 Find lesson/practice for $\Delta \cong$			
Week 31 4/19	8.G.3 8.G.4 8.G.6 8.G.7	Congruency/Similarity of figures (ASA, SAS, HL, CPCTC, Reflexive, Transitive) Pythagorean Theorem	(8 th) 10.1-10.3 (8 th) 12.1, 12.2			
Week 32 4/26	7.G.4 7.G.6	Quick review of areas (circle, composite) Surface Area Volume	(7 th) 9.1-9.3 (reteach) (7 th) 9.4 (7 th) 9.5			
Week 33 5/3	8.G.9	Volume Surface Area	(8 th) 13.1-13.3 & supplement for S.A. & connect cone to pyramid			
Week 34 5/10						

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Week 35 5/17						
Week 36 5/24						