

CREATIVE PRE-ALGEBRA PACING GUIDE



Order of Operations

Instruction & Practice (If you wish to spread the guided notes across Days 1 and 2, you may need to choose an additional activity for practice)





Day	Topic	Primary Resource	Standards	Alternative Resources or HW
1	Order of Operations	Guided Notes & Teaching Slides	7.NS.A.1, 6.EE.A.2c, 7.NS.A.3	Interactive Notebook
2	Parenthesis First <i>I can perform the order of operations with parentheses problems</i>	Basics - Order of Operations Parenthesis First	7.NS.A.1, 6.EE.A.2c	
3	Basic 4 Operations <i>I can perform the order of operations with the four basic operations</i>	Herework - Order of Operations Easier 4 Operations	7.NS.A.1, 6.EE.A.2c	Adventure - Order of Operations 4 Ops Easier
4	Basic 4 Operations	Whodunnit - Order of Operations 4 Operations Harder	7.NS.A.1, 6.EE.A.2c	Adventure - Order of Operations 4 Ops Harder
5	Order of Operations with Exponents <i>I can perform the order of operations on problems that include exponents</i>	Person Puzzle - Florence Nightingale Person Puzzle - Order of Operations Challenging - Cesar Chavez	7.NS.A.1, 6.EE.A.2c	Herework - Order of Operations with Exponents Basics - Order of Operations EMD
6	Order of Operations with PEMDAS <i>I can perform the order of operations on a numeric expression</i>	Basics - Order of Operations Mixed	7.NS.A.1, 6.EE.A.2c	Herework Joker - Order of Operations Challenging
7	Order of Operations	Adventure - Order of Operations with Parenthesis	7.NS.A.1, 6.EE.A.2c	Herework Riddler - Order of Operations Challenging
8	Order of Operations Challenging	Mathlete - Order of Operations - Baseball - OPS	7.NS.A.1, 6.EE.A.2c	STEMersion - Order of Operations - Caterer
9	Order of Operations with Nested Parenthesis	Whodunnit - Order of Operations with Nested Parenthesis	7.NS.A.1, 6.EE.A.2c	
10	Order of Operations Word Problems <i>I can use the order of operations in a real world context</i>	Basics - Order of Operations Word Problems	7.NS.A.1, 6.EE.A.2c	
11	Order of Operations Review	Escape Order of Operations	7.NS.A.1, 6.EE.A.2c	TableTop - Order of Operations
12-13	Order of Operations Review	CSI: Operations & Expressions	6.NS.C.5, 6.NS.C.6a, 7.NS.A.1d, 7.NS.A.3, 6.EE.A.2, 6.EE.A.2a, 6.EE.A.2b, 6.EE.A.2c, 7.EE.A.1	TableTop - Order of Operations

Disclaimer - Like a recipe, this guide is a suggestion based on standard 50-minute class periods. Group ability may affect pacing or the need for extra practice. Not every activity is required for mastery.

Quizzes & Remediation





Varies	Boot Camp: Order of Operations	10–20 quiz options plus leveled practice for pre-testing or targeted re-teaching. If students struggle, add 2–3 Boot Camp days with differentiated small groups.
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Assessment Options

2-3 Days <i>modular</i>	 Baseball GM Project*	"How do baseball general managers use statistics to compare players and make decisions?" Utilizing and analyzing baseball stats. Many of which are rational numbers.
2-3 Days <i>modular</i>	 Cost of Smoking Project*	"How much will smoking cost you financially and in terms of health in a lifetime?" Solving equations based on the cost of cigarettes. Requires some equation solving and graphing lines skills
3-5 Days <i>modular</i>	 Game of Life Project*	"What is it really like to earn and manage your own money?" This is an extended, real world math project that touches several math topics including integers. Assess your students prerequisite skills to determine its appropriateness.
1 Day	 Unit Test	Editable Unit Test with an Optional Critical Thinking Challenge

Note - In lieu of using the math project as an assessment, you may repurpose parts of it as alternative activities for multiple topics. These are some of our most rigorous, real-world applications.

Daily Bell Ringers

	Warm-Ups Each warm-up set includes 20–30 questions. Select two or three to display on the board to kick off class with momentum.
	Exit Tickets If exit tickets aren't your jam, you can choose one as a warm-up to stretch critical thinking.
	Person Puzzles Unused Person Puzzles make great 10–15 minute warm-ups.
	Basic Training Extended practice with 8–15 questions; can also serve as warm-ups.