Math 7 Pacing Guide
2023 Pacing Guide

Theme	Unit	Topic	2023 SOL	Modules	Pacing
1st Nine Weeks					
Rational Numbers	Rational Numbers	Square Roots	7.NS.3*	1 & 2	2 weeks
		Absolute Value	7.PFA.2*		
		Negative Powers of 10	7.NS.1*	3 & 4 SOL VA Booklet – Success S.1 – S.8	2.5 weeks
		Scientific Notation	7.NS.1*		
		Compare/Order Rational Numbers	7.NS.2*		
	Connections and Reasoning with Rational Numbers	Practical Problems with Rational Numbers	7.CE.1		4 weeks
2nd Nine Weeks					
Algebraic Concepts	Expression, Equations and Inequalities	Expressions	7.PFA.2* 7.PFA.3	6 & 7	3 weeks
		Equations	7.PFA.3		4 weeks
		Inequalities (2-step)	7.PFA.4		
	Functions	Functions (Slope/Equation of line)	7.PFA.1	SOL VA Booklet Success S.9	2 weeks
3rd Nine Weeks					
Measurement/Geometry	Measurement/ Geometry	Volume and Surface Area	7.MG.1	9 SOL VA Booklet Success S.10 – S.27	1.5 weeks
		Quadrilaterals (Determine Side and Angle)	7.MG.3		1.5 weeks
		Dilations	7.MG.4		2 weeks
Proportional Reasoning	Proportional Reasoning	Proportional Reasoning	7.CE.2		3 weeks
		Similar Figures	7.MG.2		
4th Nine Weeks					
Proportional Reasoning	Probability	Probability	7.PS.1	10 & 11 SOL VA Booklet Success S.28-S29	2 weeks
	Statistics	Statistics	7.PS.2		2 weeks
SOL Review					2 weeks

* Skills are assessed without the use of a calculator.

Changes from VDOE

Deletions from Grade 7 (2016 SOL)	Additions (2023 SOL)
• 7.1e – Absolute Value [Included in Grade 6 and 7.PFA.2] • 7.3 EKS – Sales tax, tip, and discount [Included in 8.CE.1] • 7.4a EKS – Determining volume of rectangular prisms [Included in 5.MG.2] • 7.7 – Translations and reflections of polygons [Included in 8.MG.3] • 7.10 c,d,e – Additive relationships and y-intercept [Embedded in 8.PFA.3]	• 7.MG.1 d,e – Change in attribute with volume and surface area of rectangular prisms [Moved from Grade 8] • 7.MG.4 – Dilations [Moved from Grade 8] • 7.PS.2 [KS] – Additional data analysis knowledge and skills representing the data cycle have been included • 7.PFA.1b – Identify and describe a line with a positive, negative, or zero slope [Moved from Grade 8] • 7.PFA.2a – Simplify Numerical Expressions without a calculator [moved from Grade 6] • 7.PFA.2c – Simplify and generate equivalent algebraic expressions that may require combining like terms [Moved from Grade 8] • 7.PFA.4h – Describe the differences and similarities between solving equations and inequalities