Grade 6 Pacing Guide

This document is to be used as a guide for teachers to assist with the pacing of content within their classrooms. Included in the table are the suggested number of instructional days from the ESASD curriculum guide, as well as the corresponding lessons from Power Teaching and the number of suggested instructional days from the Power Teaching Math lesson resources.

ESASD Unit	Number of Instructional Days	Power Teaching Math Unit & Cycles	Number of Instructional Days	Topics Addressed
		Unit 1	5	Getting Started (Replace the mathematics instruction with relevant topics but keep the PT routine instruction)
1	15	Unit 2, Cycles 1, 2	15	Computation w/ Whole Numbers; Decimal Operations
2	10 - 15	Unit 3, Cycle 1	10	GCF & LCM
3	15	Unit 3, Cycles 2, 3	9	Fraction Concepts; Dividing Fractions
4	15 - 20	Unit 5, Cycle 1 Unit 6, Cycles 1, 2, 3	15	Ratios & Rates; Percents
5	5 - 10	Unit 4, Cycles 1, 2	6	Understanding Integers
6	30 - 35	Unit 7, Cycles 1, 2, 3 Unit 8 Cycle 1, 2 Unit 9 Cycle 1,2,3	38	Numeric Expressions, Algebraic Expressions; Properties of Addition & Multiplication; Intro to Equations, One-Step Equations
7	10 - 15	Unit 10, Cycle 1 Unit 11, Cycle 1	10	Simple Inequalities; equations & Graphs
8	15 - 20	Unit 12, Cycles 1, 2 Unit 13, Cycles 1, 2, 3	15	Measurement Conversions, Area; Volume of a Rectangular Prism, Surface Area
9	15 - 20	Unit 14, Cycles 1, 2 Unit 15, Cycles 1, 2, 3	15	Statistical Questions, Data Displays; Distribution, Statistics and Data, Measures of Center & Variability.
Sum Year-to-Date	130 - 165		138	

| 10 | 4th Quarter | 7th Grade Guide
Unit 2, Cycles 1, 2, 3
Unit 3, Cycles 1, 2
Unit 5, Cycles 1, 2 | | Adding and Subtracting Rational Numbers; Multiplying and Dividing Rational Numbers; Understanding and Problem Solving with Percents. |

Grade 7 Pacing Guide

This document is to be used as a guide for teachers to assist with the pacing of content within their classrooms. Included in the table are the suggested number of instructional days from the ESASD curriculum guide, as well as the corresponding lessons from PowerTeaching and the number of suggested instructional days from the PowerTeaching Math lesson resources.

ESASD Unit	Number of Instructional Days	PowerTeaching Math Unit & Cycles	Number of Instructional Days	Topics Addressed
		Unit 1	5 - 7	Getting Started (Replace the mathematics instruction with relevant topics but keep the PT routine instruction)
1	20 - 25	Unit 2, Cycles 1, 2 Unit 3, Cycles 1, 2	22 - 25	Adding & Subtracting, Multiplying & Dividing Rational Numbers;
2	20 - 25	Unit 4, Cycles 1, 2, 3 Unit 5, Cycle 1	22 - 25	Unit Rates, Proportional Relationships, Equations of Proportional Relationships: Percents
3	25 - 30	Unit 6, Cycle 1 Unit 7, Cycles 1, 2	16 - 20	Rewriting Expressions Writing & Solving Inequalities & Equations
4	15 - 20	Unit 8, Cycle 2 Unit 9, Cycle 2	9 - 11	Defining & Drawing Shapes, Angle Geometry
5	20	Unit 8, Cycle 1 Unit 9, Cycle 1 Unit 10, Cycles 2, (Lesson 1 only)	21	Scale Drawings, Circle Geometry, Volume of Prisms, Surface Area of Prisms
6	25	Unit 11, Cycles 1, 2 Unit 12, Cycles 1, 2 Unit 13, Cycles 1, 2	26 - 29	Probability, Random Sampling, Comparing Data
Sum Year-to-Date	125 - 145		121 - 138	
7	4th Quarter	Unit 2, Cycles 1, 2 Unit 3, Cycles 1, 2, 3		

		Unit 10, Cycles 1, 2		

Grade 8 Pacing Guide

This document is to be used as a guide for teachers to assist with the pacing of content within their classrooms. Included in the table are the suggested number of instructional days from the ESASD curriculum guide, as well as the corresponding lessons from PowerTeaching and the number of suggested instructional days from the PowerTeaching Math lesson resources.

ESASD Unit	Number of Instructional Days	PowerTeaching Math Unit & Cycles	Number of Instructional Days	Topics Addressed
		Unit 1	5 - 7	Getting Started (Replace the mathematics instruction with relevant topics but keep the PT routine instruction)
1	5 - 10	Unit 2, Cycle 1	8	Rational & Irrational Numbers
2	10 - 15	Unit 3, Cycle 1, 2, 3	16 - 22	Exponents & Roots, Scientific Notation
3	15 - 20	Unit 7, Cycles 1, 2	12	Proportional Relationships, Equations of Linear Relationships
4	20 - 25	Unit 5, Cycle 1	7	Experimenting w/Rigid Transformations
5	15 - 20	Unit 10, Cycles 1, 2, 3	9 - 14	Representing & Modeling w/Functions
6	15 - 20	Unit 5, Cycles 1, 2 Unit 6, Cycles 1, 2	20 - 25	Combining Rigid Transformations; Lines & Transversals, Similarity & Dilations
7	15 - 20	Unit 4, Cycles 1, 2	13	Understanding & Applying the Pythagorean Theorem
8	10 - 12	Unit 12, Cycles 1, 2	12	Volume of Cylinders, Cones, Spheres
9	10	Unit 13, Cycles 1, 2	11 - 16	Patterns in Numerical & Categorical Data
Sum Year-to-Date	125 - 145		113 - 136	
10	4th Quarter	Unit 8 Unit 9	10	Solving Linear Relationships; Introductions to Functions; Systems of Linear Equations; Metric

		Unit 11, Cycles 1, 2 Conversions		conversions, Customary conversions, Conversions with rates (e.g. km/hr to m/sec using cancellation of the units)

Algebra I Pacing Guide

This document is to be used as a guide for teachers to assist with the pacing of content within their classrooms. Included in the table are the suggested number of instructional days from the ESASD curriculum guide, as well as the corresponding lessons from PowerTeaching and the number of suggested instructional days from the PowerTeaching Math lesson resources.

ESASD Unit	Number of Instructional Days	PowerTeaching Math Unit & Cycles	Number of Instructional Days	Topics Addressed
		Unit 1	5 - 7	Getting Started (Replace the mathematics instruction with relevant topics but keep the PT routine instruction)
1	18	Unit 2, Cycles 1, 2, 3	17	Problem Solving With Units, Descriptive Modeling, Interpret Expressions
2	15	Unit 3, Cycles 1, 2, 3	15	Create Equations & Inequalities, Solve Equations & Inequalities
3	35	Unit 6, Cycles 1, 2 Unit 7, Cycles 1, 2 Unit 8, Cycle 1	25	Defining Functions, Types of Functions; Construction Functions; Graph & Analyze Functions, Writing Functions
4	16	Unit 5, Cycles 1, 2, 3	16	Graphing Systems of Equations, Solving Systems of Equations Systems of Inequalities
5	16	Unit 4, Cycle 1	13	Understanding and Using Exponents
6	18	Unit 11, Cycles 1, 2, 3 Unit 12, Cycle 1, 2	19	Interpret Structure of Expressions; Write Expressions in Equivalent Forms; Combining Polynomials; Quadratic and Exponential Equations (exclude quadratic formula)
7	10	Embedded in Unit 2 and		

Algebra I Pacing Guide

		Unit 10		
8	13	Embedded in Unit 2, Unit 3, and Unit 5		
9	22	Unit 10, Cycles 1, 2, 3	16	Summarize, Represent & Interpret Data; Bivariate Data; Interpreting Linear Models
Sum of Days	163		126 - 128	
4th Quarter		Unit 9 Unit 14		Modeling Linear & Exponential Functions; Pythagorean Theorem