



Presented by the Dyscalculia Training & Research Institute

7th Grade
Pacing Guide

Use this pacing guide to help you keep track of your work.

<u>Unit</u>	<u>Topic</u>	<u>Completed</u>
Unit 1	<u>Week 1, Working with Numbers</u> Classifying Numbers Rational and Irrational Numbers Rational and Irrational Decimals Rational and Irrational Square Roots	
	<u>Week 2, Integers</u> Understanding Integers Combining Integers Integers in Word Problems	
	<u>Week 3, Working with Integers</u> Multiply Integers Multiply Integers, Part 2 Divide Integers Unit 1 Test	
Unit 2	<u>Week 1, Four Operations with Decimals and Fractions</u> Operations with Decimals Addition and Subtraction with Fractions Multiply Fractions Divide Fractions	
	<u>Week 2, Simplify Fractions</u> Simplest Form Simplify Fractions with a Multiplication List Simplify Before Multiplying	
Unit 3	<u>Week 1, Parts of an Expression and Terms</u> Identify Expressions Parts of an Expression Terms	
	<u>Week 2, Combining Terms</u> Integer Review Like Terms Combine Like Terms Unit 3, Week 2 Test	
	<u>Week 3, Distributive Property</u> Distributive Property with Numbers Distributive Property with Variables Distributive Property with Fractions	
	<u>Week 4, Expressions and Word Problems</u> Writing an Expression Key Words in Word Problems Making Meaning from a Word Problem Unit 3, Week 4 Test	

	<u>Week 3, Rational Expressions</u> Graphing Root Functions Simplify Rational Expressions Graphing Rational Expressions	
	<u>Week 4, Exponential Functions</u> Exponential Graphs Growth and Decay Exponential Functions Word Problems Unit 3, Week 4 Test	
Unit 4	<u>Week 1, Opposites and Absolute Value</u> Opposite Numbers Absolute Value Absolute Value Problems	
	<u>Week 2, Identities and Inverses</u> Additive Identity Inverse Multiplicative Identity	
Unit 5	<u>Week 1, Ratios and Proportions</u> Writing Ratios Equivalent Ratios Identify Proportions Solve Proportions Unit 5, Week 1 Test	
	<u>Week 2, Unit Rates and Miles Per Hour</u> Unit Rates Miles per Hour Ratios and Recipes	
	<u>Week 3, Maps & Scale</u> Maps and Drawings Scale Word Problems Scale Problems with Unit Conversions Unit 5, Week 3 Test	
	<u>Week 4, Similar Figures</u> Similar Triangles Similar Polygons Scale Factor	
	<u>Week 5, The Percent Equation</u> Percent of a Number Find the Number Find the "Is" Unit 5, Week 5 Test	
	<u>Week 6, Percent Increase and Decrease</u> Percent Increase Percent Decrease Percent of Change Word Problems Unit 5, Week 6 Test	
	<u>Week 7, Sales and Tax</u> Sales, Discounts, and Coupons Sales Tax Discount, then Tax Tips	
Unit 6	<u>Week 1, Polygons</u> Polygons Naming Polygons Interior Angles of a Triangles	

	Finding the Missing Angle	
	<u>Week 2, Circles</u> Parts of a Circle Diameter and Radius Area of a Circle Circumference of a Circle	
	<u>Week 3, Angles</u> Adjacent Angles Complementary Angles Vertical Angles Supplementary Angles Unit 6 Test	
Unit 7	<u>Week 1, Area, Volume, Surface Area, Coordinate Plane</u> Area of a Square, Rectangle, or Parallelogram Area of a Triangle Area of a Trapezoid Area Word Problems	
	<u>Week 2, Volume</u> Naming 3-D Shapes Volume of Square or Rectangular Shapes Volume of Cylinders Find a Missing Side	
	<u>Week 3, Surface Area</u> Surface Area of a Cube Surface Area of a Rectangular Prism Surface Area Word Problems Find a Missing Side	
	<u>Week 4, Coordinate Plane</u> Coordinate Plane Ordered Pairs Quadrants and Points Table of Values Graph a Table of Values	
Unit 8	<u>Week 1, Expressions</u> Parts of an Expression Identify Expressions Write Expressions Unit 8, Week 1 Test	
	<u>Week 2, Solve One-Step Equations</u> Writing Equations One-Step Equation with Addition One-Step Equation with Subtraction One-Step Equation with Multiplication One-Step Equation with Division	
	<u>Week 3, Inequalities</u> Inequality Symbols Writing Inequalities Inequalities and Number Lines Solve a One-Step Inequality with Addition or Subtraction Solve a One-Step Inequality with Multiplication or Division	
	<u>Week 4, Simple Interest</u> Simple Interest Formula	

	Finding Interest Quiz Find the Principal Find the Rate	
Unit 9	<u>Week 1: Probability and Statistics</u> Probability with Cards Probability with Dice Probability with Spinners Probability with Word Problems Fundamental Counting Principle	
	<u>Week 2: Measures of Central Tendencies</u> Range Mode Median Mean	
	<u>Week 3: Surveys</u> Statistical Questions Populations and Samples Bias Unit 9 Test	