

Primary Mathematics US Edition Grade 6 Video Correlation

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These videos are not aligned to a specific textbook. They are designed to address the topic in the first task of each lesson. Some videos span several lessons. Use these to plan for a lesson or as part of the lesson itself.

Grade Level	Chapters	Student Videos	Educator Videos	Available Resources
	Content Videos		<ul style="list-style-type: none">• Concrete-Pictorial-Abstract• 5th and 6th Grade Manipulatives• Bar Models	Free Resources: <ul style="list-style-type: none">• Lesson Plan Template• Grade Level Scope and Sequence• Math Manipulatives
6th Grade	1- Algebra	1.1 Algebraic Expressions <ul style="list-style-type: none">• Algebraic Expressions		

		<ul style="list-style-type: none"> • Simplifying Algebraic Expressions with Like Terms: Addition and Subtraction • Simplifying Algebraic Expressions with Unlike Terms: Addition and Subtraction • Factoring Algebraic Expressions to Write Equivalent Expressions • Expanding Algebraic Expressions to Write Equivalent Expressions • Simplifying Expressions from Real World Multi-Step Problems • Evaluating Algebraic Expressions with Fractional Values 		
	2- Solid Figures	2.1 Drawing Solid Figures 2.2 Nets <ul style="list-style-type: none"> • Finding Nets in Solids 		Plane and Solid Shapes Bundle
	3- Ratio	3.1 Ratio and Fractions <ul style="list-style-type: none"> • Ratio • Expressing Measurement as Ratio • Expressing Ratios as Bar Models and Fractions 3.2 Ratio and Proportion 3.3 Changing Ratio <ul style="list-style-type: none"> • Equivalent Ratios • Missing Terms in Equivalent Ratios • Changing Ratio with an Unchanged Total • Changing Ratio with Fractions with an Unchanged Total • Changing Ratios with a Changed Total • Finding a New Ratio with a Changed Total 		
	4- Percentage	4.1 Part of a Whole as a Percentage <ul style="list-style-type: none"> • Finding Percent with a Bar Model • Express Fraction of a Set as Percent 4.2 One Quantity as a Percentage of Another 4.3 Solving Percentage Problems by Unitary Method		

		<ul style="list-style-type: none"> Using 1% to Find an Unknown Quantity Using a Comparison and Percent to Find an Unknown Amount 		
	5- Speed	5.1 Speed and Average Speed <ul style="list-style-type: none"> Understanding Constant Speed Understanding Average Speed Developing the Distance Formula Finding End Time Using Average Speed 		
	6- Fractions	6.1 Division <ul style="list-style-type: none"> Divide a Whole Number by a Unit Fraction Divide a Whole Number by a Proper Fraction Divide a Mixed Number by a Fraction Divide a Fraction by a Fraction Divide a Fraction by a Mixed Number 6.2 Order of Operations 6.3 Word Problems <ul style="list-style-type: none"> Word Problems: Bar Models: Multi-Step Fractions Interpret a Remainder When Dividing a Fraction by a Fraction Interpret a Remainder in a 2Step Word Problem Involving Fractions 		Bakery Fraction Performance Task School Snack Performance Task
	7- Circles	7.1 Radius and Diameter <ul style="list-style-type: none"> Parts of a Circle 7.2 Circumference <ul style="list-style-type: none"> Understanding Circumference and Pi Finding the Circumference 7.3 Area <ul style="list-style-type: none"> Area of a Circle Area of a Semicircle 		
	8- Graphs	8.1 Pie Charts		
	9- Volume	9.1 Solving Problems <ul style="list-style-type: none"> Understanding Volume 		

		<ul style="list-style-type: none"> Volume with Fractional Units 		
	10- Triangles and 4-Sided Figures	10.1 Finding Unknown Angles		
	11- More Challenging Word Problems	11.1 Whole Numbers and Decimals 11.2 Fractions <ul style="list-style-type: none"> Word Problems: Bar Models: Multi-Step Fractions 11.3 Decimals <ul style="list-style-type: none"> Multiply Decimals Word Problem Divide Tenths by a Tenth or Hundredth Divide Decimals by Tenths Divide Decimals by Hundredths 11.4 Percentage 11.5 Speed <ul style="list-style-type: none"> Real World Problem Comparing Speed Real World Problem with Distance and Speed 		School Snack Performance Task