

mathmark TEKS Cluster Guide – Grade 6

Expressions, Equations, and Inequalities

Activity Title Student Expectations	Activity Topic	Type			Delivery		
		new learning	intervention	practice	teacher-facilitated	small groups	stations
Order of Operations							
Exponents and Prime Factorization 6.7(A)	Understanding Exponents and Prime Factorization	✓	✓		✓		
Order of Operations 1 6.7(A)	Find the Value of Numerical Expressions	✓	✓		✓		
Order of Operations 2 6.7(A)	Find the Value of Numerical Expressions	✓	✓		✓		
Find the Equivalent Expressions 6.7(A)	Equivalent Numerical Expressions	✓	✓		✓		
From Numerical to Algebraic Expressions 6.7(B), 6.7(C), 6.7(D)	Identify Equivalent Algebraic Expressions	✓	✓		✓		
A New Way to Think About Fractions 6.7(D)	Equivalent Algebraic Expressions	✓	✓		✓		
Equivalent Expressions Match Up 6.7(D)	Equivalent Algebraic and Numeric Expressions			✓		✓	✓
Representation and Solutions of Equations/Inequalities							
From Arithmetic to Equations 6.9(B), 6.10(A), 6.10(B)	Model and Solve One-Step Equations	✓	✓		✓		
Problems to Equations to Solutions 6.9(B), 6.10(A), 6.10(B)	Use Equations to Represent and Solve Problems	✓	✓		✓		
Mr. Haroo’s Zoo 6.9(A), 6.9(C), 6.10(A)	Match Equations and Problems		✓	✓		✓	
From Comparisons to Inequalities 6.9(B), 6.10(A), 6.10(B)	Represent Inequalities on a Number Line	✓			✓		
Solving Inequalities 6.9(B), 6.10(A), 6.10(B)	Solve One-Step Inequalities	✓	✓		✓		
Greater Than or Less Than 6.9(A), 6.10(A)	Use Inequalities to Represent Problems	✓	✓		✓		
Greater Than, Less Than, or Equal To 6.9(C)	Use Equations and Inequalities to Represent Problems		✓	✓		✓	