mathmark TEKS Cluster Guide – Grade 3
Fractions

Activity Title Student Expectations	Activity Topic	Type			Delivery		
		new learning	intervention	practice	teacher-facilitated	small groups	stations
Representation of Fractions							
Parts of a Whole 1: Denominators of 2, 4, and 8 3.3(A)	Represent Fractions Using Area Models and Strip Diagrams	✓	✓		✓		
Parts of a Whole 2: Denominators of 2, 4, and 8 3.3(A)	Represent Fractions Using Set Models	✓	✓		✓		
Parts of a Whole 3: Denominators of 2, 3, 4, 6, and 8 3.3(A)	Represent Fractions	✓	✓		✓		
Line Them Up 3.3(B), 3.7(A)	Represent Fractions on Number Lines; Denominators of 2, 3, 4, 6, and 8	✓	✓		✓		
Meal Deals 3.3(E)	Solve Problems Involving Partitioning	✓			✓		
Xrapox Visits Earth 3.3E	Solve Problems Involving Partitioning	✓			✓		
Unit Fractions							
Unit or Not 3.3C	Explain and Describe Unit Fractions	✓	✓		✓		
Haroo's Bakery 3.3D	Compose and Decompose Fractions Using Area Models	✓	✓		✓		
Queen Amygdala 3.3D	Compose and Decompose Fractions Using Strip Diagrams	✓	✓		✓		
Lucy Dynamic and Carl 3.3D	Compose and Decompose Fractions Using Set Models	✓	✓		✓		
Equal Parts 3.6E	Different Sizes of Fractional Parts	✓	✓		✓		

Activity Title Student Expectations	Activity Topic	Type			Delivery		
		new learning	intervention	practice	teacher-facilitated	small groups	stations
Equivalency of Fractions							
Same, Same 3.3(F), 3.3(G)	Represent Equivalent Fractions Using Area Models	✔	✔		✔		
The Fraction Is Equivalent to… 3.3(F), 3.3(G)	Represent Equivalent Fractions with Strip Diagrams	✔	✔		✔		
Found It 3.3(F), 3.3(G)	Represent Equivalent Fractions Using Strip Diagrams and Number Lines	✔	✔		✔		
Memory Match 3.3(F)	Represent Equivalent Fractions		✔	✔		✔	✔
Color It In 3.3(F), 3.3(G)	Represent Equivalent Fractions			✔		✔	✔
Dangerous Sushi 3.3(F), 3.3(G)	Problem Solving with Equivalent Fractions			✔		✔	
Comparison of Fractions							
Greater or Less 1 3.3(H)	Comparing Fractions When the Denominators Are the Same	✔	✔		✔		
Greater or Less 2 3.3(H)	Comparing Fractions When the Numerators Are the Same	✔	✔		✔		
Bicicleta 3.3(H)	Solve the Problems – Solve the Puzzle for Comparing Fractions			✔		✔	
If I've Gotta Choose… 3.3(H)	Justify Equivalent Fractions and Fraction Comparisons			✔		✔	
Prove It with a Model 3.3(H)	Compare Fractions			✔		✔	✔