

Geometry and Measurement

Activity Title Student Expectations	Activity Topic	Type			Delivery	
		new learning	intervention	practice	teacher-facilitated	small groups
Angle Relationships						
Angle Relationships 7.11(C)	Solve Equations Using Angle Measurements	✓	✓		✓	
What's My Angle? 7.11(C)	Solve Equations Using Angle Measurements		✓	✓		✓
Similarity						
Which Are Similar? 7.5(A)	Understand the Attributes of Similar Figures	✓	✓		✓	
Similar Figures and Proportional Sides 7.5(A), 7.5(C)	Find Lengths of Similar Figures	✓	✓		✓	
Choose and Solve 7.5(C)	Find the Lengths of Sides of Similar Figures		✓	✓		✓
Scaling the Animal Kingdom 7.5(C)	Use Scale Drawings to Find Dimensions	✓	✓		✓	
Texas Is BIG! 7.5(C)	Use Scale to Find Distance on a Map	✓	✓		✓	
Conversions						
Measurement Mania 7.4(E)	Perform Conversions Using Proportions and Unit Rate	✓	✓		✓	
Which Is More? 7.4(E)	Perform Conversions Using Proportions and Unit Rate in Tables	✓			✓	
Area						
Different Shapes, Different Formulas 7.9(C)	Use Formulas to Find Area	✓	✓		✓	
Composite Figures 7.9(C)	Area of Composite Figures			✓		✓
Measuring All the Parts 7.9(C)	Area of Composite Figures			✓		✓
Do You See Them? 7.9(C)	Area of Composite Figures			✓		✓
Can You Make Them? 7.9(D)	Create Nets to Understand Surface Area	✓	✓		✓	

Activity Title Student Expectations	Activity Topic	Type			Delivery		
		new learning	intervention	practice	teacher-facilitated	small groups	stations
Area (cont'd.)							
Prisms vs. Pyramids 7.9(D)	Find Surface Area		✓	✓		✓	
Surface Area Puzzles 7.9(D)	Find Surface Area	✓				✓	
Find the Mistake: Surface Area 7.9(D)	Correct Mistakes and Solve with Surface Area		✓	✓		✓	
Circles							
The Constant Pi 7.5(B)	Circumference/Diameter = Pi	✓			✓		
Area of a Circle 7.8(C)	Model and Understand the Formula for Area of a Circle	✓	✓			✓	
Circumference of a Circle 7.8(C)	Model the Circumference of a Circle	✓	✓			✓	
Circle Practice 7.9(B)	Circumference and Area of a Circle		✓	✓		✓	
Circle Fun 7.9(B)	Circumference and Area of a Circle		✓	✓		✓	
Volume							
How Many Prisms Can You Make? 7.9(A)	Volume of Rectangular Prisms	✓	✓			✓	
Triangular Prisms and Volume 7.9(A)	Volume of Triangular Prisms	✓	✓			✓	
Solve 'Em and Match 'Em 7.9(A)	Volume of Rectangular and Triangular Prisms			✓			✓
Discovering the Formula for Volume of a Pyramid 7.8(A), 7.8(B)	Concrete Model of Volume of a Pyramid	✓				✓	
Volume of Pyramids 7.9(A)	Volume of Pyramids	✓	✓			✓	
What's the Same, What's Different? 7.9(A)	Volume of Prisms and Pyramids			✓		✓	