

5th grade Lesson 1 (Pre-Visit) More Than Math North Carolina Curriculum Alignment

North Carolina Standard Course of Study Fifth Grade Mathematics	Quick Draw	The Painted Cube	Homage to the Square
Standards for Mathematical Practice			
1. Make sense of problems and persevere in solving them.	X	X	X
2. Reason abstractly and quantitatively.	X	X	X
3. Construct viable arguments and critique the reasoning of others	X	X	X
4. Model with mathematics.	X	X	X
5. Use appropriate tools strategically.		X	X
6. Attend to precision.	X		X
7. Look for and make use of structure.		X	X
8. Look for and express regularity in repeated reasoning.	X	X	X
Standards for Measurement and Data			
Understand concepts of volume.			
NC.5.MD.4 Recognize volume as an attribute of solid figures and measure volume by counting unit cubes, using cubic centimeters, cubic inches, cubic feet, and improvised units.			X
Standards for Geometry			
Classify quadrilaterals.			
NC.5.G.3 Classify quadrilaterals into categories based on their properties. <ul style="list-style-type: none"> • Explain that attributes belonging to a category of quadrilaterals also belong to all subcategories of that category. • Classify quadrilaterals in a hierarchy based on properties. 	X		