6th grade Lesson 3 (Post-Visit) More Than Math North Carolina Curriculum Alignment

North Carolina Standard Course of Study Sixth Grade Mathematics	Color Boxes	Translations
Standards for Mathematical Practice		
1. Make sense of problems and persevere in solving them.	X	X
2. Reason abstractly and quantitatively.		X
3. Construct viable arguments and critique the reasoning of others	X	
4. Model with mathematics.		
5. Use appropriate tools strategically.		
6. Attend to precision.		X
7. Look for and make use of structure.		
8. Look for and express regularity in repeated reasoning.	X	X
Standards for Geometry		
Solve real-world and mathematical problems involving area, surface area, and volume.		
NC.6.G.1 Create geometric models to solve real-world and mathematical problems to: • Find the area of triangles by composing into rectangles and decomposing into right triangles. • Find the area of special quadrilaterals and polygons by decomposing into triangles or rectangles.	X	X
NC.6.G.2 Apply and extend previous understandings of the volume of a right rectangular prism to find the volume of right rectangular prisms with fractional edge lengths. Apply this understanding to the context of solving real-world and mathematical problems.		X

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