

Unit Guide

Teaching Geometry through Investigation and Modeling

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This unit is designed to introduce elementary students to the wonderful world of geometry. The Common Core Standards were used to determine the concepts to be delivered at the third grade level. As we are aware, students who are engaged and can make connections to their learning develop a better understanding of the presented concepts. Through the use of manipulatives and models, students will get a hands on approach to investigating shapes, symmetry, perimeter, and area. Geometry can also provide valuable practice in number sense, operations, data gathering, as well as reasoning. Another essential piece focused on throughout this unit is vocabulary acquisition. This is essential to ensure success and will prevent misconceptions. Students will be introduced to famous geometers helping to make this unit a true cross-curricular tool.