

Unit Guide

Beyond the Mirror: Symmetry All Around Us

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This symmetry unit was designed as an extension to a 5th grade Geometry curriculum. Students in my class are of high mathematical ability, although activities can be adapted for varying grade levels and abilities. The activities are designed for individual and collaborative work. It is designed around the idea that symmetry is an intriguing mathematical concept, but is also present in many other aspects of our world, such as nature, art and architecture. It also integrates technology through the use of interactive whiteboards, computers and dynamic geometry software. The Common Core Standards addressed in this unit include mathematics, technology and communication.