MATH HOUR @
UNIVERSITY OF WASHINGTON
A MATH LECTURE FOR GRADES 6-10

UW Seattle campus

Savery Hall 260

www.math.washington.edu/~mathcircle/mathhour

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All tangled up and searching for the beauty of symmetry

Abstract: We'll engage in hands-on explorations of symmetry, bridging the mathematical worlds of geometry, topology, and number systems. Symmetry involves shapes that remain the same even when moved or distorted in certain ways, such as by rotation, reflection, or scaling. Combining these movements leads to newly imagined number systems. And adding strings and their tanglings and untanglings creates yet new challenges and wilder number worlds. Be prepared for string challenges, and also bring a limber arm for some twisting.

May 20, 2018
Sunday, 1-2pm