



# MATH HOUR @ UNIVERSITY OF WASHINGTON

A MATH LECTURE FOR GRADES 6-10

UW Seattle campus

Savery Hall 260

[www.math.washington.edu/~mathcircle/mathhour](http://www.math.washington.edu/~mathcircle/mathhour)



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## **One tile at a time: Quest to discover all polygonal tessellations**

**Abstract:** Objects as simple and innocent as convex polygons have presented mathematicians with a mystery for about a century: a complete set of polygons with which one can tessellate a flat surface has eluded the community till recently. We will discuss the history, meaning, and a recent breakthrough on the tessellation problem. More generally, the talk will highlight how mathematics develops over time and convey there is much more mathematics to be discovered.

**April 15, 2018**  
**Sunday, 1-2pm**