

1077-O1-2554 **Mike Long*** (malong@ship.edu), Shippensburg University, 1871 Old Main Drive, Math Dept.
MCT 273, Shippensburg, PA 17257. *Building Mathematics Understanding with Toys.*

Did you ever consider building bridges out of clay in a Calculus class or physically packing Platonic solids in a Number Theory class? A clay bridge can be a very useful tool for helping students to understand the abstract concepts of limits and continuity. The packing of Platonic solids with Polydrons into larger Platonic solids is a great way to introduce some special sequences of numbers in a Number Theory class, to review some basic Geometry concepts in a Geometry class, or both! Come ready to be part of these student tested and proven building activities for enhancing mathematics understanding. (Received September 22, 2011)