

Taylor, Ron, and Todd Timberlake. "Tearing Plastic: A Laboratory Exercise on Fractals and Hyperbolic Geometry." PRIMUS (2007) 17(4): 316-342.

Abstract: In this article we describe a hands-on activity for a liberal arts mathematics course that focuses on the beauty and unity of mathematics. The purpose of the activity is to tie together several topics in the context of a "real-world" situation. These topics include: fractals, non-Euclidean geometry, symmetry, and Platonic solids. This activity would also be appropriate for a geometry course.