

1125-B5-3025 **Roger Wolbert*** (rwolbert@edinboro.edu). *Using OERs Extensively in a Flipped Geometry Classroom.*

Open Educational Resources (OERs) are widely available and can be used in flipped classrooms to introduce students to new concepts outside of class before engaging in class discussions. The presenter has used specific OERs for a college geometry course geared toward preservice middle school teachers. OERs, including videos, applets, dynamic geometry software, and worksheet generators, helped the students to learn geometric constructions, vocabulary, and theorems outside of class. This left classroom time for guided inquiry-based activities. In this session, a review of how students reported on the effectiveness of OERs for the flipped geometry course will be covered. In addition, the presenter will include suggestions on how to build and organize modules in any learning management system for any flipped classroom that uses OERs. (Received September 20, 2016)