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Joanna G. Jauchen* (jboyett2@gmu.edu). *Intentionally Unstructuring Assignments for future elementary educators.*

In many of our mathematics courses, there is some material where it is difficult to get students to think deeply, carefully or at length about. Vocabulary is one of these. In addition, because we have internalized so many connotations for mathematical vocabulary and understand the language of mathematics deeply, we often underestimate the value of allowing students time to explore vocabulary as an important portion of the curriculum. In this talk, the author describes a single project that she designed for a second semester Math for Elementary Educators course which created time and space for students to explore Geometry vocabulary. The goal of the project was to encourage students to think of the vocabulary not as a laundry list of definitions, but as a vital part of understanding the world of two and three dimensional shapes. She shares the full assignment, her own reflections on the projects, student reflections and samples of student work. (Received September 20, 2016)