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Using Stories to Learn Math in A First-Year Seminar

We often teach math to young children through picture books: it is taken for granted that using stories to teach math can build children's enjoyment and curiosity about math while also introducing new concepts, promoting mathematical thinking, and inviting them into a mathematical world. In this talk I will discuss how I designed a seminar for first-year students that uses the same principles, with literature in place of picture books. I will introduce the texts, activities, and assessments that I hope will make this vision come to life in the first offering of this seminar in the Spring of 2021, and how I am adapting it to now be offered fully online.