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**The Berkeley Compass Project: "A Ground-Breaking" Summer Program**

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The Berkeley Compass Project is a dynamic student-led program to support students in the physical sciences. The cornerstone of Compass is the Summer Program, a one- to two-week intensive camp for incoming freshman. The camp is centered around a course designed and taught by Berkeley graduate students who use innovative pedagogical principles and techniques to design a novel curriculum. The theme of the 2015 Compass Summer Program curriculum was, "What aspects of an earthquake would scientists like to predict?" I will describe the curriculum and activities of this year's program, which involved considerable amounts of sand, carrots, and gelatin.