

2017-Ballard, Floyd - Dice Activities for DE Models

<https://www.ncssm.edu/uploads/files/330468432813721056-de-dice-activities.pdf> . Accessed 28 March 2023.

Introduction: This document includes descriptions of four activities that are appropriate for a calculus or differential equations class, all using dice to motivate a differential equation model for a real-world scenario. Each can be used either to introduce a new idea or to provide a real-world application for principles students have already studied. The activities can be used with classes of different sizes, although they tend to work best when the class is between about 15 and 25 students.