

1135-Q5-2844 **Jenna Tague*** (jtague@csufresno.edu), 5245 North Backer Avenue M/S PB108, Room PB343, Fresno, CA 93740. *Mathematical Modeling in 3-5th Grade Math Circle.*

While mathematical modeling has clear connections in algebra and high school mathematics, often it is not included as part of Math Circles or enrichment for younger students. In this presentation, I share some mathematical modeling problems that are appropriate and accessible for grades 3, 4, and 5. Besides the tasks, I'll share the mathematics that the students needed to complete the tasks, where the students struggled, and resources for implementing your own mathematical modeling tasks in similar situations. (Received September 26, 2017)