

1116-K1-2243 **Debra L Mimbs*** (dmimbs@leeuniversity.edu). *Modeling, Inquiry, and Discovery in Calculus.*

I present a problem from a standard Calculus 1 course with an emphasis on mathematical modeling. Even students in Calculus 1, without advanced mathematical knowledge, can benefit from introducing a modeling perspective early. The problem is presented with adaptations and further considerations offered, and an evaluation of the impact this method has on student learning is also analyzed. (Received September 22, 2015)