Lesson Plan – Exponential functions and energy consumption.

This lesson is connected to the Role Model Video by Systems Engineer Joe DeCarolis.

This lesson is designed to be used in an algebra 2 class. Students studied exponential functions in algebra 1. In algebra 2, we do a short review of exponential functions before introducing logarithms. The lesson could be adapted for an algebra 1 class and used after students have a basic understanding of exponential functions.

Activities:

Watch and discuss role model video.

Students work with energy consumption fathom file as they complete the worksheet on the unit.

Class discussion at the end of the activity.