

Surface Area + Volume Project

Goal: Understand real-life objects using surface area and volume.

Starting Step	Proficient Step	Expert Step
● Find two different items in the classroom that represent prisms. ● Calculate their surface area and volume.	● Choose another object in the classroom that is NOT a rectangular prism. (Choose a triangular prism or a cylinder.) ● We need to mail this item in a box. ● Choose the length, width, and height of the box so that the item can fit, and measure the surface area and volume.	● Compare the volume of your mailed object to the volume of the box. ● How much empty space will there be in the box with you object? ● We need to fill the empty space. How much will this cost?