

## Ultimate Design Challenge

### PBLWorks

### Design






















Use the engineering-design process and geometric modeling to redesign a product's packaging to render it more sustainable.

#### Suggested Learning

**Time** 20 : 00 **Cost** 0.00

#### PreRequisites

#### Requirements

Skills	Focus	Level	Standard	Points
 Engineering Design				45
 Mathematics				32
 Packaging Engineering				32
 Prototyping				20
 Problem Solving				20
 Analytical Thinking				20
 Drawing				9
<b>Total Skill Points</b>				<b>178</b>

#### Knowledge Gain

Use volume, surface area, and dimensions of complex shapes to develop prototypes that meet the product's packaging design constraints while limiting the packaging material

#### Resource Link

<https://my.pblworks.org/project/ultimate-design-challenge>