Ultimate Design Challenge

PBLWorks

Design

Use the engineering-design process and geometric modeling to redesign a productâ€™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
	Total Skill Points			**178**

Knowledge Gain

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

Resource Link

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