

Cornell Mote

3D Figures and Surface Area

Today's Standard

6.G.A4 - Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real-world and mathematical problems.

Cues	Notes
3D Figures	3D figures can be represented using nets made up of rectangles and triangles.
Nets	Nets are two-dimensional patterns that can be folded to form 3D figures.
Surface Area	Surface area is the total area of all the surfaces of a 3D figure.
Rectangles	Rectangles and triangles are the basic shapes used in nets
Triangles	Ladaretarding note balaging and the past shapes used in nets.
Real-world applications	and construction.

Summary

Understanding how to represent 3D figures using nets and calculating surface area are key skills in geometry. This knowledge is applicable in various real-world scenarios, from designing packages to construction.