



Geometric Modeling of Objects

Today's Standard

HSG.MG.A1 - Use geometric shapes, their measures, and their properties to describe objects (e.g., modeling a tree trunk or a human torso as a cylinder).*

Real-World Applications for this Standard

Modeling a tree trunk as a cylinder; Describing a human torso as a cylinder; Using a rectangular prism to model a building; Modeling a car as a combination of geometric shapes; Describing a bridge using geometric shapes

Today I Learned

Today, we learned how to use shapes like circles and rectangles to describe real things, like trees and buildings.

Common Stumbling Blocks

Sometimes, kids think they need to use complicated shapes for everything, but simple shapes work too. They might also think it's okay to guess measurements, but being exact is important.

Quiz Me

- What shape can you use to describe a tree trunk?
- Why is it important to be exact when measuring?
- Can you use a rectangle to describe a building?
- What simple shape can describe a can of soup?
- Why do we use shapes to describe real things?

Help Me

We use shapes like circles and rectangles to understand and describe real things around us. For example, a tree trunk can be thought of as a big cylinder, and a building can be a tall rectangle. This helps us see how math works in the world.