



Understanding Volume Measurement

Today's Standard

5.MD.C3 - Recognize volume as an attribute of solid figures and understand concepts of volume measurement.

Cues	Notes
What is volume?	Volume is the amount of space a solid figure occupies.
How is volume different from area?	Volume is three-dimensional, while area is two-dimensional.
What units are used to measure volume?	Volume is measured in cubic units, such as cubic centimeters or cubic inches.
How can volume be measured?	Volume can be measured by counting unit cubes or using formulas for specific shapes.
What are common misconceptions about volume?	Common misconceptions include confusing volume with area and thinking that changing the shape of an object changes its volume.

Summary

Volume measures the space occupied by a solid figure in three dimensions, using cubic units. It is different from area, which is two-dimensional. Common misconceptions include confusing volume with area and believing that changing the shape of an object changes its volume.