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Resource ID#: 119127

Primary Type: Student Tutorial

## Working for Wonka

Demonstrate how a rectangular prism can be carefully filled without gaps or overlaps using the same size unit cubes and then use this model to determine its volume.

### Attachments

[Accessible Version](#): Accessible version of the tutorial content in PDF format

### General Information

**Subject(s)**: Mathematics

**Grade Level(s)**: 5

**Intended Audience**: [Students](#)

**Keywords**: Volume, K-5 Mathematics

**Instructional Component Type(s)**: [Original Student Tutorial](#)

**Resource Collection**: Original Student Tutorials Mathematics - Grades K-5

### Source and Access Information

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**Access Privileges**: Public

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### Aligned Standards

Name	Description
<a href="#">MAFS.5.MD.3.3:</a>	Recognize volume as an attribute of solid figures and understand concepts of volume measurement. a. A cube with side length 1 unit, called a "unit cube," is said to have "one cubic unit" of volume, and can be used to measure volume. b. A solid figure which can be packed without gaps or overlaps using $n$ unit cubes is said to have a volume of $n$ cubic units.

## Suggested Tutorials

Name	Description
<a href="#">Video Game Store: Volume!:</a>	Help solve the problem of shipping video games and accessories to customers by calculating the volume of the containers needed in this interactive tutorial.
<a href="#">Building Blocks of Volume :</a>	Build on your previous knowledge of area and learn how to calculate volume in cubic units with this interactive tutorial.