

# UNIT 6 - LESSON PLANS

**Class** Math 5

**Topic** Volume of a Right Rectangular Prism

**Lesson** 5 **Of** 6

## Objective

Students will:

- Learn how to calculate volume of rectangular prism by counting unit cubes.
- Learn how to find the volume of the rectangular prism by finding the base area and height.
- Learn how to find the volume of the rectangular prism by multiplying its dimensions.
- Apply the two formula for finding the volume of rectangular prisms.

## "I Can" Statement

Learn how to calculate volume of rectangular prism by counting unit cubes.  
Learn how to find the volume of the rectangular prism by finding the base area and height.  
Learn how to find the volume of the rectangular prism by multiplying its dimensions.  
Apply the two formula for finding the volume of rectangular prisms.

## Common Core Standards

[CCSS.MATH.CONTENT.5.MD.C.5.A](#)

Find the volume of a right rectangular prism with whole-number side lengths by packing it with unit cubes, and show that the volume is the same as would be found by multiplying the edge lengths, equivalently by multiplying the height by the area of the base. Represent threefold whole-number products as volumes, e.g., to represent the associative property of multiplication.

[CCSS.MATH.CONTENT.5.MD.C.5.B](#)

Apply the formulas  $V = l \times w \times h$  and  $V = b \times h$  for rectangular prisms to find volumes of right rectangular prisms with whole-number edge lengths in the context of solving real world and mathematical problems.

## Bell Work

See Bell Work 6-5

## Assessment

Bell Work 6-5  
Assignment 6-5  
Exit Quiz 6-5

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## Procedures

1. Start and lead student discussion related to the bell work.
2. Distribute the Guided Notes
3. Present lesson or play a video lesson.
4. Use an Online Activity if time permitted.
5. Distribute Lesson Assignment.

## Additional Resources

See Online Activities