

Name: Reynolds, Moon	Grading Quarter: 4	Week Beginning: Week 2 03/24/25-03/28/25
School Year: 2024-2025	Subject: Math	

Notes:

**Objectives:**

- Students determine the volume of rectangular prisms using formulas.
- Students determine the volume of composite figures.
- Students apply the volume formulas to solve real-world problems involving rectangular prisms.

**Language Objectives:**

- Students explain how to determine the volume of rectangular prisms using formulas while answering Wh- and Yes/No questions and using the term dimensions.
- Students discuss how to determine the volume of composite solid figures while answering Wh- questions.
- Students talk about applying the volume formula to solve real-world problems using the adjective given.

**Lesson Overview:**

- Finish Unit 2 Lesson 5: Solve Problems Involving Volume
- Finish Practice pages 5-10
- Volume Worksheet and extra problems
- Review Unit 2: Volume
- Test Unit 2: Volume (5.MD.C3a/5.MD.C.3b/5.MD.C.5a)
- Measure Wrapped Volume boxes
- Remediation of DNA test scores/standards

**Differentiation**

- Extend Your Thinking Problems
- Error Analysis Questions
- Stem Connection Questions
- Math practice online 5.NBT.B.7
- Extra assignments

**Homework:** Exit Ticket 2-1 and 2-2**Vocabulary:** rectangular prism, unit cube, volume, cubic unit, formula, composite solid, figure**Academic Standards:****5.MD.C.3**

Recognize volume as an attribute of solid figures and understand concepts of volume measurement.

**5.MD.C.3a**

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.

**5.MD.C.5.b**

Apply the formulas  $V=l \times w \times h$  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

**5.MD.C.5.c**

Recognize volume as additive. Find volumes of solid figures composed of two non-overlapping right rectangular prisms by adding the volumes of the non-overlapping parts, applying this technique to solve real world problems.

**E5.L.4**

Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5

			reading and content, choosing flexibly from a range of strategies.
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		<b>Vocabulary:</b> rectangular prism, unit cube, volume, cubic unit, formula, composite solid, figure	unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.
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