

Name: Reynolds, Moon	Grading Quarter: 4	Week Beginning: Week 3 03/31/25-04/04/25
School Year: 2024-2025	Subject: Math	

Notes:

Objectives:

- Students Identify and describe features of a coordinate plane.
- Students use a coordinate plan to determine the ordered pair associated with a point.
- 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 discuss how they can describe features of the coordinate plane using related, find, and ordered pair.
- 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 Test Unit 2: Volume (5.MD.C3a/5.MD.C.3b/5.MD.C.5a)
- Unit 13 Lesson 1: Understand a Coordinate Plane
- Practice pages 149-150
- Math packet for all 5th grade standards
- 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 2-3 and 2-4**Academic Standards:****5.G.A.1**

Use a pair of perpendicular lines, called axes, to define a coordinate system with the intersection of the lines (the origin) arranged to coincide with 0 on each line and a given point in the plane located by using an ordered pair of numbers, called its coordinates.

.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

		Vocabulary: coordinate plane, ordered pair, origin, x-axis, x-coordinate, y-axis, y-coordinate, rectangular prism, unit cube, volume, cubic unit, formula, composite solid, figure	words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.
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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

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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

		Vocabulary: coordinate plane, ordered pair, origin, x-axis, x-coordinate, y-axis, y-coordinate, 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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	Notes:	<p>Objectives:</p> <ul style="list-style-type: none"> Students Identify and describe features of a coordinate plane. Students use a coordinate plan to determine the ordered pair associated with a point. 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. <p>Language Objectives:</p> <ul style="list-style-type: none"> Students discuss how they can describe features of the coordinate plane using related, find, and ordered pair. 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. <p>Lesson Overview:</p> <ul style="list-style-type: none"> Finish Test Unit 2: Volume (5.MD.C3a/5.MD.C.3b/5.MD.C.5a) Unit 13 Lesson 1: Understand a Coordinate Plane Practice pages 149-150 Math packet for all 5th grade standards Remediation of DNA test scores/standards <p>Differentiation</p> <ul style="list-style-type: none"> Extend Your Thinking Problems Error Analysis Questions Stem Connection Questions Math practice online 5.NBT.B.7 Extra assignments <p>Homework: Exit Ticket 2-3 and 2-4</p>	<p>Academic Standards:</p> <p>5.G.A.1 Use a pair of perpendicular lines, called axes, to define a coordinate system with the intersection of the lines (the origin) arranged to coincide with 0 on each line and a given point in the plane located by using an ordered pair of numbers, called its coordinates.</p> <p>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</p> <p>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.</p> <p>E5.L.4</p>
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		<p>Vocabulary: coordinate plane, ordered pair, origin, x-axis, x-coordinate, y-axis, y-coordinate, rectangular prism, unit cube, volume, cubic unit, formula, composite solid, figure</p>	<p>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.</p>
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5.MD.C.5.b

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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

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Friday		NO SCHOOL!!	Academic Standards:
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