Name: Schimmel, Gagnon, Moon	Qtr: 2	Week Beginning: Week 11/20/2023-11/24/2023
School Year: 2023-2024	Subject: 5 th Grade Math	

Notes:

Objective:

Content:

- Students determine the volume of rectangular prisms using formulas.
- Students determine the volume of composite solid figures.
- Students apply the volume formulas to solve real-world problems involving rectangular prisms.
- Students will visually analyze how to make and construct multiple rectangular prisms and other folding geometric shapes

Language:

- 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:

Math Reveal: Unit 2: Volume

Finish Test Unit 2

Visual 3D paper project using "Folding Geometric Shapes" Hands-on Activity measuring multiple rectangular prisms to find the Volume of each box.

Vocabulary: volume, cube unit, base, formula, composite solid, figure, equation, unknown, variable.

Academic Standards:

5.MD.C

Geometric
measurement:
understand
concepts of volume
and relate volume
to multiplication
and to addition.

5.MD.C.3

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

5.MD.C.3.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.

5.MD.C.3.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

5.MD.C.4

Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units.

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.

5.L.4

Determine or clarify the meaning of

Mon

	unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.

Notes: Objective: Academic Standards: Content: 5.MD.C Geometric Students determine the volume of rectangular prisms using measurement: formulas. understand Students determine the volume of composite solid figures. concepts of volume Students apply the volume formulas to solve real-world problems and relate volume involving rectangular prisms. to multiplication Students will visually analyze how to make and construct multiple and to addition. rectangular prisms and other folding geometric shapes 5.MD.C.3 Recognize volume as an attribute of Language: solid figures and understand Students discuss how to determine the volume of composite solid concepts of volume figures while answering WH-questions. measurement. Students talk about applying the volume formula to solve real-5.MD.C.3.a world problems using the adjective given. A cube with side length 1 unit, called a "unit cube" is said to have "one cubic Lesson Overview: unit" of volume, and can be used to Math Reveal: Unit 2: Volume measure volume. Finish Test Unit 2 5.MD.C.3.b Visual 3D paper project using "Folding Geometric Shapes" A solid figure which Hands-on Activity measuring multiple rectangular prisms to find the can be packed Volume of each box. without gaps or overlaps using "n" Vocabulary: volume, cube unit, base, formula, composite solid, figure, unit cubes is said to equation, unknown, variable. have a volume of "n" cubic units 5.MD.C.4 Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units. 5.MD.C.5.c Recognize volume as additive. Find volumes of solid figures composed of two nonoverlapping right rectangular prisms by adding the volumes of the nonoverlapping parts, applying this

technique to solve

real world problems. **5.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
Wed	Notes:	Objective: NO SCHOOL! THANKSGIVING BREAK!!	Academic Standards:
Thu	Notes:	Objective: NO SCHOOL! THANKSGIVING BREAK!!	Academic Standards:
Fri	Notes:	Objective: NO SCHOOL! THANKSGIVING BREAK!!	Academic Standard: