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CW Middle School
Mathematics 6 C

1. **Unit 5 Area and Volume (50.00%)**

Learning Targets

1.1 I can solve real-world problems involving parallelograms and use my understanding of area to find missing side lengths when given the area. I also label everything correctly and understand the relationship between parallelograms and rectangles.

Learning Target	Descriptor	Definition
4	Proficient	I can solve real-world problems involving parallelograms and use my understanding of area to find missing side lengths when given the area. I also label everything correctly and understand the relationship between parallelograms and rectangles.
3	Developing	I can find the area of parallelograms when given the measurements of each side and the height. I can also define and label the base and height.
2	Basic	I can find the area of basic parallelograms when given the base and height.
1	Minimal	I can give the formula for finding the area of a parallelogram (Base x Height).
0	No Evidence	No evidence shown.

1.2 I can solve real-world problems triangles and show or explain where the formula came from by using a picture or diagram. I label correctly label everything.

Learning Target	Descriptor	Definition
4	Proficient	I can solve real-world problems triangles and show or explain where the formula came from by using a picture or diagram. I label correctly label everything.
3	Developing	I can find the area of triangles when given the measurements of all the sides and the height.
2	Basic	I can find the area of basic triangles when given only the base and height.
1	Minimal	I can give the formula for finding the area of a triangle (Base x Height)/2.
0	No Evidence	No evidence shown.

1.3 I can solve real-world area problems by decomposing complex shapes (4 or more) into simple shapes.

Learning Target	Descriptor	Definition
4	Proficient	I can solve real-world area problems by decomposing complex shapes (4 or more) into simple shapes.
3	Developing	I can find the area of compound shapes (2-3) consisting of squares, rectangles, and triangles.
2	Basic	I can find the area of compound shapes composed of two rectangles/squares.
1	Minimal	I can break compound shapes up into two or more simple shapes (squares, rectangles, and triangles), but cannot find the total area.
0	No Evidence	No evidence shown.

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4 I can find the area and circumference of circles when given the radius or diameter. I can also explain where pi came from.

Learning Target	Descriptor	Definition
4	Proficient	I can find the area and circumference of circles when given the radius or diameter. I can also explain where pi came from.
3	Developing	I can find the area and circumference of circles when given the radius or diameter.
2	Basic	I can find either the area or circumference of a circle.
1	Minimal	I can define and label the diameter, radius, and and circumference of a circle.
0	No Evidence	No evidence shown.

1.5 I can solve real-world area problems involving surface area. I can increase or decrease surface area of rectangular prisms to meet certain requirements.

Learning Target	Descriptor	Definition
4	Proficient	I can solve real-world area problems involving surface area. I can increase or decrease surface area of rectangular prisms to meet certain requirements.
3	Developing	I can find the surface area of a rectangular prism and properly label it when given the dimensions.
2	Basic	I can find the surface area of a rectangular prism when given a picture with the dimensions labeled.
1	Minimal	I can find the area of a few surfaces of a rectangular prism.
0	No Evidence	No evidence shown.

1.6 I can solve real-world volume problems. I understand the relationship between the 3 dimensions and how changes affect the volume. I can explain what the most efficient shape is with regard to volume.

Learning Target	Descriptor	Definition
4	Proficient	I can solve real-world volume problems. I understand the relationship between the 3 dimensions and how changes affect the volume. I can explain what the most efficient shape is with regard to volume.
3	Developing	I can find volume of a rectangular prism when given a net or picture.
2	Basic	I can find the volume of a rectangular prism when given the three dimensions.
1	Minimal	I can write the formula for finding the volume of a rectangular prism (L x W x H).
0	No Evidence	No evidence shown.

1.7 I can apply foundational skills to solve real-world problems. I am always working to improve and hone my foundational math skills.

Learning Target	Descriptor	Definition
4	Proficient	I can apply foundational skills to solve real-world problems. I am always working to improve and hone my foundational math skills.

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Learning Target	Descriptor	Definition
3	Developing	I can apply foundational skills to solve real-world problems. I take advantage of most opportunities to improve my skills.
2	Basic	I can apply some skills to solve real-world problems. I take advantage of some of the opportunities to improve my skills.
1	Minimal	I can apply a few skills to solve real-world problems. I take advantage of a few of the opportunities to improve my skills.
0	No Evidence	No evidence shown.

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2. **Unit 6 Equivalent Expressions and Solving Equations (50.00%)**

Learning Targets

2.1 **I can use the pan balance (subtraction method) to solve numerical and algebraic equations involving both positive and negative values.**

Learning Target	Descriptor	Definition
4	Proficient	I can use the pan balance (subtraction method) to solve numerical and algebraic equations involving both positive and negative values.
3	Developing	I can use the pan balance (subtraction method) to solve numerical and algebraic equations that have all positive values.
2	Basic	I can solve pan balance problems by subtracting objects.
1	Minimal	I can begin to solve pan balance problems, but struggle to keep the pans balanced or find the solution.
0	No Evidence	No evidence shown.

2.2 **I can distribute and combine like terms to simplify expressions containing both positive and negative terms.**

Learning Target	Descriptor	Definition
4	Proficient	I can distribute and combine like terms to simplify expressions containing both positive and negative terms.
3	Developing	I can distribute and solve expressions containing positive terms.
2	Basic	I can solve expressions without distributing.
1	Minimal	I can combine like terms.
0	No Evidence	No evidence shown.

2.3 **I can use inverse operations to solve multi-step equations.**

Learning Target	Descriptor	Definition
4	Proficient	I can use inverse operations to solve multi-step equations.
3	Developing	I can use inverse operations to solve two-step equations.
2	Basic	I can use inverse operations to solve a one-step equation.
1	Minimal	I can list an inverse operation, but don't understand how to use it to solve equations.
0	No Evidence	No evidence shown.

Submitted on 2/18/2019 by