



CW Middle School

Mathematics 7 C

1. Relationships with Proportionality and Similarity (33.33%)

Learning Targets

1.1 I can create tables, graphs, and equations relating distance to time and analyze whether it is proportional or not.

| Learning Target | Descriptor | Definition |
|-----------------|-------------|---|
| 4 | Proficient | I can create tables, graphs, and equations relating distance to time and analyze whether it is proportional or not. |
| 3 | Developing | I can use the data to show a graph using distance and time. |
| 2 | Basic | I can determine what the unit rate is of distance/time data. |
| 1 | Minimal | I can use data from time/distance to make a table. |
| 0 | No Evidence | No evidence shown. |

1.2 I can solve multi-step equations with fractional and decimal coefficients and a constant term.

| Learning Target | Descriptor | Definition |
|-----------------|-------------|--|
| 4 | Proficient | I can solve multi-step equations with fractional and decimal coefficients and a constant term. |
| 3 | Developing | I can solve multi- step equations with fractional and decimal coefficients |
| 2 | Basic | I can solve one step equations with fractional and decimal coefficients. |
| 1 | Minimal | I can solve one step equations. |
| 0 | No Evidence | No evidence shown. |

1.3 I can calculate simple interest over time, given a story problem.

| Learning Target | Descriptor | Definition |
|-----------------|-------------|---|
| 4 | Proficient | I can calculate simple interest over time, given a story problem. |
| 3 | Developing | I can find simple interest if the required variables are given variables. |
| 2 | Basic | I can find the principle in a simple interest equation. |
| 1 | Minimal | I can describe the process of how to find simple interest. |
| 0 | No Evidence | No evidence shown. |



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2. Triangles and Angles (33.34%)

Learning Targets

2.1 I can generate a combination histogram and a box plot from given data and analyze its data.

| Learning Target | Descriptor | Definition |
|-----------------|-------------|---|
| 4 | Proficient | I can generate a combination histogram and a box plot from given data and analyze its data. |
| 3 | Developing | I can use my data to generate a combination histogram and box plot. |
| 2 | Basic | I can find the median as well as first and third quartiles of the data. |
| 1 | Minimal | I can label a histogram with correct bin widths and apply data correctly. |
| 0 | No Evidence | No evidence shown. |

2.2 I can classify, draw, measure angles, and use angle properties to write and solve simple equations.

| Learning Target | Descriptor | Definition |
|-----------------|-------------|---|
| 4 | Proficient | I can classify, draw, measure angles, and use angle properties to write and solve simple equations. |
| 3 | Developing | I can draw given angles. |
| 2 | Basic | I can measure angles and classify them. |
| 1 | Minimal | I can classify angles with matching them to their given name. |
| 0 | No Evidence | No evidence shown. |

2.3 I can construct triangles from three measures of angles or sides, and can explain the reasoning when the conditions determine a unique triangle, more than one triangle, or no triangle.

| Learning Target | Descriptor | Definition |
|-----------------|-------------|--|
| 4 | Proficient | I can construct triangles from three measures of angles or sides, and can explain the reasoning when the conditions determine a unique triangle, more than one triangle, or no triangle. |
| 3 | Developing | I can construct triangles from three measures of angles or sides. |
| 2 | Basic | I can identify which triangles can and cannot be made. |
| 1 | Minimal | I can identify corresponding sides and therefore know that all the angles are of the same measure in terms of size. |
| 0 | No Evidence | No evidence shown. |



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Mathematics 7 C

3. Quadrilaterals and Circles (33.33%)

Learning Targets

3.1 I can calculate the area and circumference of a circle

| Learning Target | Descriptor | Definition |
|-----------------|-------------|---|
| 4 | Proficient | I can calculate the area and circumference of a circle |
| 3 | Developing | I can calculate the area and circumference of a circle given diameter and radius. |
| 2 | Basic | I can calculate the area or circumference of a circle given diameter and radius. |
| 1 | Minimal | I can identify circumference, radius, and diameter. |
| 0 | No Evidence | No evidence shown. |

3.2 I can identify and calculate the area of complex polygons.

| Learning Target | Descriptor | Definition |
|-----------------|-------------|--|
| 4 | Proficient | I can identify and calculate the area of complex polygons. |
| 3 | Developing | I can find the area of a triangle and trapezoid. |
| 2 | Basic | I can find the area of a rectangle, square or parallelogram. |
| 1 | Minimal | I can identify polygons. |
| 0 | No Evidence | No evidence shown. |

3.3 I can identify and calculate the volume of prisms, cylinders, and pyramids.

| Learning Target | Descriptor | Definition |
|-----------------|-------------|---|
| 4 | Proficient | I can identify and calculate the volume of prisms, cylinders, and pyramids. |
| 3 | Developing | I can identify and calculate the volume of two of the listed 3D shapes |
| 2 | Basic | I can identify and calculate the volume of one of the listed 3D shapes |
| 1 | Minimal | I can identify prisms, cylinders, and pyramids. |
| 0 | No Evidence | No evidence shown. |

Submitted on 1/21/2022 by