

Skills and Concepts to Develop (50% Probability*) < 161	Skills and Concepts to Introduce (27% Probability*) 161 - 170
Physical Attributes	Physical Attributes
	<ul style="list-style-type: none"> <li>• Orders periods of time (days of the week)</li> <li>• Tells time to the nearest hour</li> <li>• Tells time to the nearest half hour</li> <li>• Reads a calendar - no computation required</li> </ul>
Systems of Measurement	Systems of Measurement
<ul style="list-style-type: none"> <li>• Compares objects (wider, narrower)</li> <li>• Compares objects (taller, shorter)</li> </ul>	<ul style="list-style-type: none"> <li>• Compares objects (shorter, longer)</li> <li>• Measures length with metric measures to the centimeter mark</li> </ul>
<i>New Vocabulary:</i> None	<i>New Vocabulary:</i> longest
<i>New Signs and Symbols:</i> None	<i>New Signs and Symbols:</i> • point, : used with time

#### Explanatory Notes

\* At the range mid-point, this is the probability students would correctly answer items measuring these concepts and skills. Both data from test items and review by NWEA curriculum specialists are used to place Learning Continuum statements into appropriate RIT ranges. Blank cells indicate data are limited or unavailable for this range or document version.

Skills and concepts to Enhance (73% Probability*) < 161	Skills and Concepts to Develop (50% Probability*) 161 - 170	Skills and Concepts to Introduce (27% Probability*) 171 - 180
Physical Attributes	Physical Attributes <ul style="list-style-type: none"> <li>• Orders periods of time (days of the week)</li> <li>• Tells time to the nearest hour</li> <li>• Tells time to the nearest half hour</li> <li>• Reads a calendar - no computation required</li> </ul>	Physical Attributes <ul style="list-style-type: none"> <li>• Estimates and measures length of an object to the nearest centimeter using a picture of a ruler</li> <li>• Orders periods of time (months of the year, seasons)</li> <li>• Tells time to the nearest hour</li> <li>• Tells time to the nearest half hour</li> <li>• Tells time to the nearest 5 minutes</li> </ul>
Systems of Measurement <ul style="list-style-type: none"> <li>• Compares objects (wider, narrower)</li> <li>• Compares objects (taller, shorter)</li> </ul>	Systems of Measurement <ul style="list-style-type: none"> <li>• Compares objects (shorter, longer)</li> <li>• Measures length with metric measures to the centimeter mark</li> </ul>	Systems of Measurement <ul style="list-style-type: none"> <li>• Computes simple conversions among units of time (minutes in an hour, half hour, quarter hour)</li> </ul>
<i>New Vocabulary:</i> None	<i>New Vocabulary:</i> longest	<i>New Vocabulary:</i> metric, morning
<i>New Signs and Symbols:</i> None	<i>New Signs and Symbols:</i> • point, : used with time	<i>New Signs and Symbols:</i> a.m., cm centimeter/centimetre, = is equal to, p.m.

**Explanatory Notes**

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Skills and concepts to Enhance (73% Probability*) 161 - 170	Skills and Concepts to Develop (50% Probability*) 171 - 180	Skills and Concepts to Introduce (27% Probability*) 181 - 190
Physical Attributes <ul style="list-style-type: none"> <li>• Orders periods of time (days of the week)</li> <li>• Tells time to the nearest hour</li> <li>• Tells time to the nearest half hour</li> <li>• Reads a calendar - no computation required</li> </ul>	Physical Attributes <ul style="list-style-type: none"> <li>• Estimates and measures length of an object to the nearest centimeter using a picture of a ruler</li> <li>• Orders periods of time (months of the year, seasons)</li> <li>• Tells time to the nearest hour</li> <li>• Tells time to the nearest half hour</li> <li>• Tells time to the nearest 5 minutes</li> </ul>	Physical Attributes <ul style="list-style-type: none"> <li>• Knows the approximate length of familiar objects</li> <li>• Determines elapsed clock time</li> <li>• Determines elapsed time under 1 hour or to the hour</li> <li>• Determines elapsed time involving whole hours, whole days, whole years</li> <li>• Tells time to the nearest 5 minutes</li> <li>• Interprets a calendar - some computation required</li> </ul>
Systems of Measurement <ul style="list-style-type: none"> <li>• Compares objects (shorter, longer)</li> <li>• Measures length with metric measures to the centimeter mark</li> </ul>	Systems of Measurement <ul style="list-style-type: none"> <li>• Computes simple conversions among units of time (minutes in an hour, half hour, quarter hour)</li> </ul>	Systems of Measurement <ul style="list-style-type: none"> <li>• Identifies the appropriate instrument used to measure length</li> <li>• Measures length with non-standard units</li> <li>• Uses a variety of non-standard units to measure the same length</li> <li>• Determines more capacity or less capacity</li> <li>• Computes simple conversions among units of time (days, weeks)</li> <li>• Compares squares (larger, smaller)</li> </ul>
<i>New Vocabulary:</i> longest	<i>New Vocabulary:</i> metric, morning	<i>New Vocabulary:</i> clock, cup, how much time, millimeter, noon, pint, tablespoon, teaspoon, what time
<i>New Signs and Symbols:</i> • point, : used with time	<i>New Signs and Symbols:</i> a.m., cm centimeter/centimetre, = is equal to, p.m.	<i>New Signs and Symbols:</i> c cup, gal gallon, pt pint, qt quart, tsp teaspoon, : used with time, : used with time

**Explanatory Notes**

\* At the range mid-point, this is the probability students would correctly answer items measuring these concepts and skills. Both data from test items and review by NWEA curriculum specialists are used to place Learning Continuum statements into appropriate RIT ranges. Blank cells indicate data are limited or unavailable for this range or document version.

Skills and concepts to Enhance (73% Probability*) 171 - 180	Skills and Concepts to Develop (50% Probability*) 181 - 190	Skills and Concepts to Introduce (27% Probability*) 191 - 200
<b>Physical Attributes</b> <ul style="list-style-type: none"> <li>Estimates and measures length of an object to the nearest centimeter using a picture of a ruler</li> <li>Orders periods of time (months of the year, seasons)</li> <li>Tells time to the nearest hour</li> <li>Tells time to the nearest half hour</li> <li>Tells time to the nearest 5 minutes</li> </ul>	<b>Physical Attributes</b> <ul style="list-style-type: none"> <li>Knows the approximate length of familiar objects</li> <li>Determines elapsed clock time</li> <li>Determines elapsed time under 1 hour or to the hour</li> <li>Determines elapsed time involving whole hours, whole days, whole years</li> <li>Tells time to the nearest 5 minutes</li> <li>Interprets a calendar - some computation required</li> </ul>	<b>Physical Attributes</b> <ul style="list-style-type: none"> <li>Orders years</li> <li>Determines elapsed clock time</li> <li>Tells time to the nearest quarter hour</li> <li>Determines elapsed time involving whole hours, whole days, whole years</li> <li>Tells time to the nearest 1 minute</li> <li>Solves simple problems involving elapsed time, with the conversion of hours</li> </ul>
<b>Systems of Measurement</b> <ul style="list-style-type: none"> <li>Computes simple conversions among units of time (minutes in an hour, half hour, quarter hour)</li> </ul>	<b>Systems of Measurement</b> <ul style="list-style-type: none"> <li>Identifies the appropriate instrument used to measure length</li> <li>Measures length with non-standard units</li> <li>Uses a variety of non-standard units to measure the same length</li> <li>Determines more capacity or less capacity</li> <li>Computes simple conversions among units of time (days, weeks)</li> <li>Compares squares (larger, smaller)</li> </ul>	<b>Systems of Measurement</b> <ul style="list-style-type: none"> <li>Measures length with non-standard units</li> <li>Computes simple conversions among units of time (minutes, hours)</li> <li>Reads Celsius thermometers to the nearest degree</li> <li>Solves problems involving measurement of temperature</li> <li>Estimates the area of rectangles using square units</li> </ul>
<i>New Vocabulary:</i> metric, morning  <i>New Signs and Symbols:</i> a.m., cm centimeter/centimetre, = is equal to, p.m.	<i>New Vocabulary:</i> clock, cup, how much time, millimeter, noon, pint, tablespoon, teaspoon, what time  <i>New Signs and Symbols:</i> c cup, gal gallon, pt pint, qt quart, tsp teaspoon, : used with time, : used with time	<i>New Vocabulary:</i> decade  <i>New Signs and Symbols:</i> °C degrees Celsius, °F degrees Fahrenheit

**Explanatory Notes**

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Skills and concepts to Enhance (73% Probability*) 181 - 190	Skills and Concepts to Develop (50% Probability*) 191 - 200	Skills and Concepts to Introduce (27% Probability*) 201 - 210
<p><b>Physical Attributes</b></p> <ul style="list-style-type: none"> <li>• Knows the approximate length of familiar objects</li> <li>• Determines elapsed clock time</li> <li>• Determines elapsed time under 1 hour or to the hour</li> <li>• Determines elapsed time involving whole hours, whole days, whole years</li> <li>• Tells time to the nearest 5 minutes</li> <li>• Interprets a calendar - some computation required</li> </ul>	<p><b>Physical Attributes</b></p> <ul style="list-style-type: none"> <li>• Orders years</li> <li>• Determines elapsed clock time</li> <li>• Tells time to the nearest quarter hour</li> <li>• Determines elapsed time involving whole hours, whole days, whole years</li> <li>• Tells time to the nearest 1 minute</li> <li>• Solves simple problems involving elapsed time, with the conversion of hours</li> </ul>	<p><b>Physical Attributes</b></p> <ul style="list-style-type: none"> <li>• Knows the approximate size of a centimeter</li> <li>• Knows the approximate size of a gram</li> <li>• Solves simple problems involving elapsed time, with the conversion of hours</li> </ul>
<p><b>Systems of Measurement</b></p> <ul style="list-style-type: none"> <li>• Identifies the appropriate instrument used to measure length</li> <li>• Measures length with non-standard units</li> <li>• Uses a variety of non-standard units to measure the same length</li> <li>• Determines more capacity or less capacity</li> <li>• Computes simple conversions among units of time (days, weeks)</li> <li>• Compares squares (larger, smaller)</li> </ul>	<p><b>Systems of Measurement</b></p> <ul style="list-style-type: none"> <li>• Measures length with non-standard units</li> <li>• Computes simple conversions among units of time (minutes, hours)</li> <li>• Reads Celsius thermometers to the nearest degree</li> <li>• Solves problems involving measurement of temperature</li> <li>• Estimates the area of rectangles using square units</li> </ul>	<p><b>Systems of Measurement</b></p> <ul style="list-style-type: none"> <li>• Selects and uses the appropriate type and size of unit in metric system (length)</li> <li>• Selects and uses the appropriate type and size of unit in metric system (height)</li> <li>• Uses the appropriate unit of measure for length</li> <li>• Measures length to the nearest centimeter</li> <li>• Selects and uses balances for measuring weight or mass</li> <li>• Converts between milligrams and grams</li> <li>• Computes simple conversions among units of time (hours, days)</li> <li>• Computes more difficult conversions among units of time</li> <li>• Estimates the measure of acute, right, and obtuse angles using 45 and 90 degrees as referents</li> <li>• Estimates the area of rectangles using square units</li> </ul>
<p><i>New Vocabulary:</i> clock, cup, how much time, millimeter, noon, pint, tablespoon, teaspoon, what time</p>	<p><i>New Vocabulary:</i> decade</p>	<p><i>New Vocabulary:</i> decameter, decimeter, hectometer, milliliter</p>
<p><i>New Signs and Symbols:</i> c cup, gal gallon, pt pint, qt quart, tsp teaspoon, : used with time, : used with time</p>	<p><i>New Signs and Symbols:</i> °C degrees Celsius, °F degrees Fahrenheit</p>	<p><i>New Signs and Symbols:</i> angle, ° degrees, g gram, m measure of angle, m meter/metre, right angle marker</p>

#### Explanatory Notes

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Skills and concepts to Enhance (73% Probability*) 191 - 200	Skills and Concepts to Develop (50% Probability*) 201 - 210	Skills and Concepts to Introduce (27% Probability*) 211 - 220
<b>Physical Attributes</b>	<b>Physical Attributes</b>	<b>Physical Attributes</b>
<ul style="list-style-type: none"> <li>Orders years</li> <li>Determines elapsed clock time</li> <li>Tells time to the nearest quarter hour</li> <li>Determines elapsed time involving whole hours, whole days, whole years</li> <li>Tells time to the nearest 1 minute</li> <li>Solves simple problems involving elapsed time, with the conversion of hours</li> </ul>	<ul style="list-style-type: none"> <li>Knows the approximate size of a centimeter</li> <li>Knows the approximate size of a gram</li> <li>Solves simple problems involving elapsed time, with the conversion of hours</li> </ul>	<ul style="list-style-type: none"> <li>Knows the approximate size of a millimeter</li> <li>Knows the approximate size of a kilometer</li> <li>Solves difficult problems involving elapsed time, with the conversion of hours</li> </ul>
<b>Systems of Measurement</b>	<b>Systems of Measurement</b>	<b>Systems of Measurement</b>
<ul style="list-style-type: none"> <li>Measures length with non-standard units</li> <li>Computes simple conversions among units of time (minutes, hours)</li> <li>Reads Celsius thermometers to the nearest degree</li> <li>Solves problems involving measurement of temperature</li> <li>Estimates the area of rectangles using square units</li> </ul>	<ul style="list-style-type: none"> <li>Selects and uses the appropriate type and size of unit in metric system (length)</li> <li>Selects and uses the appropriate type and size of unit in metric system (height)</li> <li>Uses the appropriate unit of measure for length</li> <li>Measures length to the nearest centimeter</li> <li>Selects and uses balances for measuring weight or mass</li> <li>Converts between milligrams and grams</li> <li>Computes simple conversions among units of time (hours, days)</li> <li>Computes more difficult conversions among units of time</li> <li>Estimates the measure of acute, right, and obtuse angles using 45 and 90 degrees as referents</li> <li>Estimates the area of rectangles using square units</li> </ul>	<ul style="list-style-type: none"> <li>Selects and uses the appropriate type and size of unit in metric system (length)</li> <li>Selects and uses the appropriate type and size of unit in metric system (height)</li> <li>Uses the appropriate unit of measure for length</li> <li>Selects and uses the appropriate type and size of unit in metric system (mass)</li> <li>Computes more difficult conversions among units of time</li> <li>Reads Celsius thermometers to 0.1 degrees</li> <li>Estimates the measure of acute, right, and obtuse angles using 45 and 90 degrees as referents</li> <li>Measures angles using a protractor</li> <li>Determines the perimeter of a figure using non-standard units</li> </ul>
<i>New Vocabulary:</i> decade	<i>New Vocabulary:</i> decameter, decimeter, hectometer, milliliter	<i>New Vocabulary:</i> how long
<i>New Signs and Symbols:</i> °C degrees Celsius, °F degrees Fahrenheit	<i>New Signs and Symbols:</i> angle, ° degrees, g gram, m measure of angle, m meter/metre, right angle marker	<i>New Signs and Symbols:</i> hr hour, min minute

### Explanatory Notes

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Skills and concepts to Enhance (73% Probability*) 201 - 210	Skills and Concepts to Develop (50% Probability*) 211 - 220	Skills and Concepts to Introduce (27% Probability*) 221 - 230
<b>Physical Attributes</b>	<b>Physical Attributes</b>	<b>Physical Attributes</b>
<ul style="list-style-type: none"> <li>Knows the approximate size of a centimeter</li> <li>Knows the approximate size of a gram</li> <li>Solves simple problems involving elapsed time, with the conversion of hours</li> </ul>	<ul style="list-style-type: none"> <li>Knows the approximate size of a millimeter</li> <li>Knows the approximate size of a kilometer</li> <li>Solves difficult problems involving elapsed time, with the conversion of hours</li> </ul>	<ul style="list-style-type: none"> <li>Knows the approximate size of a meter</li> <li>Solves difficult problems involving elapsed time, with the conversion of hours</li> </ul>
<b>Systems of Measurement</b>	<b>Systems of Measurement</b>	<b>Systems of Measurement</b>
<ul style="list-style-type: none"> <li>Selects and uses the appropriate type and size of unit in metric system (length)</li> <li>Selects and uses the appropriate type and size of unit in metric system (height)</li> <li>Uses the appropriate unit of measure for length</li> <li>Measures length to the nearest centimeter</li> <li>Selects and uses balances for measuring weight or mass</li> <li>Converts between milligrams and grams</li> <li>Computes simple conversions among units of time (hours, days)</li> <li>Computes more difficult conversions among units of time</li> <li>Estimates the measure of acute, right, and obtuse angles using 45 and 90 degrees as referents</li> <li>Estimates the area of rectangles using square units</li> </ul>	<ul style="list-style-type: none"> <li>Selects and uses the appropriate type and size of unit in metric system (length)</li> <li>Selects and uses the appropriate type and size of unit in metric system (height)</li> <li>Uses the appropriate unit of measure for length</li> <li>Selects and uses the appropriate type and size of unit in metric system (mass)</li> <li>Computes more difficult conversions among units of time</li> <li>Reads Celsius thermometers to 0.1 degrees</li> <li>Estimates the measure of acute, right, and obtuse angles using 45 and 90 degrees as referents</li> <li>Measures angles using a protractor</li> <li>Determines the perimeter of a figure using non-standard units</li> </ul>	<ul style="list-style-type: none"> <li>Measures length to the nearest millimeter</li> <li>Converts between millimeters, centimeters, meters, and kilometers</li> <li>Converts within the metric system</li> <li>Computes 2-step conversions between units of time</li> <li>Determines the perimeter of a figure using non-standard units</li> <li>Determines the length or width of a rectangle, given the area (metric units)</li> <li>Uses models to develop the relationship between the total number of square units contained in a rectangle and the length and width of the figure</li> <li>Solves simple problems involving the area of a square or rectangle</li> </ul>
<i>New Vocabulary:</i> decameter, decimeter, hectometer, milliliter	<i>New Vocabulary:</i> how long	<i>New Vocabulary:</i> None
<i>New Signs and Symbols:</i> angle, ° degrees, g gram, m measure of angle, m meter/metre, right angle marker	<i>New Signs and Symbols:</i> hr hour, min minute	<i>New Signs and Symbols:</i> dm decimeter/decimetre, km kilometer/kilometre, line symbol, mL milliliter/millilitre, mm millimeter/millimetre, segment overbar, variable

**Explanatory Notes**

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Skills and concepts to Enhance (73% Probability*) 211 - 220	Skills and Concepts to Develop (50% Probability*) 221 - 230	Skills and Concepts to Introduce (27% Probability*) 231 - 240
<b>Physical Attributes</b> <ul style="list-style-type: none"> <li>• Knows the approximate size of a millimeter</li> <li>• Knows the approximate size of a kilometer</li> <li>• Solves difficult problems involving elapsed time, with the conversion of hours</li> </ul>	<b>Physical Attributes</b> <ul style="list-style-type: none"> <li>• Knows the approximate size of a meter</li> <li>• Solves difficult problems involving elapsed time, with the conversion of hours</li> </ul>	<b>Physical Attributes</b>
<b>Systems of Measurement</b> <ul style="list-style-type: none"> <li>• Selects and uses the appropriate type and size of unit in metric system (length)</li> <li>• Selects and uses the appropriate type and size of unit in metric system (height)</li> <li>• Uses the appropriate unit of measure for length</li> <li>• Selects and uses the appropriate type and size of unit in metric system (mass)</li> <li>• Computes more difficult conversions among units of time</li> <li>• Reads Celsius thermometers to 0.1 degrees</li> <li>• Estimates the measure of acute, right, and obtuse angles using 45 and 90 degrees as referents</li> <li>• Measures angles using a protractor</li> <li>• Determines the perimeter of a figure using non-standard units</li> </ul>	<b>Systems of Measurement</b> <ul style="list-style-type: none"> <li>• Measures length to the nearest millimeter</li> <li>• Converts between millimeters, centimeters, meters, and kilometers</li> <li>• Converts within the metric system</li> <li>• Computes 2-step conversions between units of time</li> <li>• Determines the perimeter of a figure using non-standard units</li> <li>• Determines the length or width of a rectangle, given the area (metric units)</li> <li>• Uses models to develop the relationship between the total number of square units contained in a rectangle and the length and width of the figure</li> <li>• Solves simple problems involving the area of a square or rectangle</li> </ul>	<b>Systems of Measurement</b> <ul style="list-style-type: none"> <li>• Measures length to the nearest millimeter</li> <li>• Converts between millimeters, centimeters, meters, and kilometers</li> <li>• Solves problems involving length in the metric system and converts to larger or smaller units</li> <li>• Converts between grams and kilograms</li> <li>• Converts within the metric system</li> <li>• Solves problems involving capacity in the metric system and converts to larger or smaller units</li> <li>• Compares area of numerous triangles</li> <li>• Determines the area of a triangle, given the formula</li> <li>• Determines the length or width of a rectangle, given the area (metric units)</li> <li>• Solves simple problems involving the area of a square or rectangle</li> </ul>
<i>New Vocabulary:</i> how long	<i>New Vocabulary:</i> None	<i>New Vocabulary:</i> None
<i>New Signs and Symbols:</i> hr hour, min minute	<i>New Signs and Symbols:</i> dm decimeter/decimetre, km kilometer/kilometre, line symbol, mL milliliter/millilitre, mm millimeter/millimetre, segment overbar, variable	<i>New Signs and Symbols:</i> kg kilogram

**Explanatory Notes**

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Skills and concepts to Enhance (73% Probability*) 221 - 230	Skills and Concepts to Develop (50% Probability*) 231 - 240	Skills and Concepts to Introduce (27% Probability*) 241 - 250
Physical Attributes	Physical Attributes	Physical Attributes
<ul style="list-style-type: none"> <li>Knows the approximate size of a meter</li> <li>Solves difficult problems involving elapsed time, with the conversion of hours</li> </ul>		
Systems of Measurement	Systems of Measurement	Systems of Measurement
<ul style="list-style-type: none"> <li>Measures length to the nearest millimeter</li> <li>Converts between millimeters, centimeters, meters, and kilometers</li> <li>Converts within the metric system</li> <li>Computes 2-step conversions between units of time</li> <li>Determines the perimeter of a figure using non-standard units</li> <li>Determines the length or width of a rectangle, given the area (metric units)</li> <li>Uses models to develop the relationship between the total number of square units contained in a rectangle and the length and width of the figure</li> <li>Solves simple problems involving the area of a square or rectangle</li> </ul>	<ul style="list-style-type: none"> <li>Measures length to the nearest millimeter</li> <li>Converts between millimeters, centimeters, meters, and kilometers</li> <li>Solves problems involving length in the metric system and converts to larger or smaller units</li> <li>Converts between grams and kilograms</li> <li>Converts within the metric system</li> <li>Solves problems involving capacity in the metric system and converts to larger or smaller units</li> <li>Compares area of numerous triangles</li> <li>Determines the area of a triangle, given the formula</li> <li>Determines the length or width of a rectangle, given the area (metric units)</li> <li>Solves simple problems involving the area of a square or rectangle</li> </ul>	<ul style="list-style-type: none"> <li>Solves problems involving length in the metric system and converts to larger or smaller units</li> <li>Solves problems involving capacity in the metric system and converts to larger or smaller units</li> <li>Determines the area of a triangle without the formula</li> </ul>
<i>New Vocabulary:</i> None	<i>New Vocabulary:</i> None	<i>New Vocabulary:</i> None
<i>New Signs and Symbols:</i> dm decimeter/decimetre, km kilometer/kilometre, line symbol, mL milliliter/millilitre, mm millimeter/millimetre, segment overbar, variable	<i>New Signs and Symbols:</i> kg kilogram	<i>New Signs and Symbols:</i> ( ) order of operations, + addition, A area, b base, h height, l length, triangle, w width

**Explanatory Notes**

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Skills and concepts to Enhance (73% Probability*) 231 - 240	Skills and Concepts to Develop (50% Probability*) 241 - 250	Skills and Concepts to Introduce (27% Probability*) > 250
Physical Attributes	Physical Attributes	Physical Attributes
Systems of Measurement	Systems of Measurement	Systems of Measurement
<ul style="list-style-type: none"> <li>Measures length to the nearest millimeter</li> <li>Converts between millimeters, centimeters, meters, and kilometers</li> <li>Solves problems involving length in the metric system and converts to larger or smaller units</li> <li>Converts between grams and kilograms</li> <li>Converts within the metric system</li> <li>Solves problems involving capacity in the metric system and converts to larger or smaller units</li> <li>Compares area of numerous triangles</li> <li>Determines the area of a triangle, given the formula</li> <li>Determines the length or width of a rectangle, given the area (metric units)</li> <li>Solves simple problems involving the area of a square or rectangle</li> </ul>	<ul style="list-style-type: none"> <li>Solves problems involving length in the metric system and converts to larger or smaller units</li> <li>Solves problems involving capacity in the metric system and converts to larger or smaller units</li> <li>Determines the area of a triangle without the formula</li> </ul>	<ul style="list-style-type: none"> <li>Determines the length of the side of a square, given the area</li> </ul>
<i>New Vocabulary:</i> None	<i>New Vocabulary:</i> None	<i>New Vocabulary:</i> None
<i>New Signs and Symbols:</i> kg kilogram	<i>New Signs and Symbols:</i> ( ) order of operations, + addition, A area, b base, h height, l length, triangle, w width	<i>New Signs and Symbols:</i> None

**Explanatory Notes**

\* At the range mid-point, this is the probability students would correctly answer items measuring these concepts and skills. Both data from test items and review by NWEA curriculum specialists are used to place Learning Continuum statements into appropriate RIT ranges. Blank cells indicate data are limited or unavailable for this range or document version.

Skills and concepts to Enhance (73% Probability*) 241 - 250	Skills and Concepts to Develop (50% Probability*) > 250
Physical Attributes	Physical Attributes
Systems of Measurement	Systems of Measurement
<ul style="list-style-type: none"> <li>• Solves problems involving length in the metric system and converts to larger or smaller units</li> <li>• Solves problems involving capacity in the metric system and converts to larger or smaller units</li> <li>• Determines the area of a triangle without the formula</li> </ul>	<ul style="list-style-type: none"> <li>• Determines the length of the side of a square, given the area</li> </ul>
<i>New Vocabulary:</i> None	<i>New Vocabulary:</i> None
<i>New Signs and Symbols:</i> ( ) order of operations, + addition, A area, b base, h height, l length, triangle, w width	<i>New Signs and Symbols:</i> None

**Explanatory Notes**

\* At the range mid-point, this is the probability students would correctly answer items measuring these concepts and skills. Both data from test items and review by NWEA curriculum specialists are used to place Learning Continuum statements into appropriate RIT ranges. Blank cells indicate data are limited or unavailable for this range or document version.