

**Louisiana Educational Assessment Program
LEAP Alternate Assessment, Level 2 (LAA 2)
Mathematics Achievement Level Descriptors: Grade 7**

Achievement Level	Descriptors
Advanced	<ul style="list-style-type: none"> • Not applicable
Mastery	<ul style="list-style-type: none"> • Not applicable
Basic	<p>A student at this level has demonstrated only the fundamental knowledge and skills needed for the next level of schooling.</p> <p>Students scoring at this level generally exhibit the ability to</p> <ul style="list-style-type: none"> • estimate and compute equivalent fractions, percents, and decimals; • solve one- and two-step real-life problems involving equations and inequalities; • evaluate formulas or expressions involving one or two variables, by substituting whole numbers; • use algebraic expressions, equations, and inequalities to describe numerical relationships; • convert between common measurements in the same system, and compare and order benchmark measurements between systems; • calculate circumference and area of circles; • draw and identify angles and measurements in simple polygons and circles; • recognize geometric transformations; • demonstrate understanding of graphs involving continuous data and discrete data; • compute simple probabilities and use basic mathematical terms associated with probability, such as <i>event</i> and <i>favorable outcomes</i>; and • recognize, describe, and extend patterns.
Approaching Basic	<p>A student at this level has only partially demonstrated the fundamental knowledge and skills needed for the next level of schooling.</p> <p>Students scoring at this level generally exhibit the ability to</p> <ul style="list-style-type: none"> • compare and order rational numbers; • solve single-step problems involving positive rational numbers; • match algebraic expressions, equations, and inequalities to verbal statements; • order measurements within the same system; • determine area and perimeter of simple geometric shapes; • identify points in all four quadrants of a coordinate grid; • interpret discrete data from a variety of graphs; • represent the probabilities of simple events as common fractions, given sample space and number of favorable outcomes; and • extend simple number patterns.

<p>Foundational</p>	<p>A student at this level has <i>not</i> demonstrated the fundamental knowledge and skills needed for the next level of schooling but has demonstrated the foundational knowledge and skills that can be built upon to access the grade-level curriculum.</p> <p>Students scoring at this level generally exhibit the ability to</p> <ul style="list-style-type: none"> • compare and order—with some consistency—rational numbers; • solve some single-step problems involving positive rational numbers; • match some algebraic expressions, equations, and inequalities to verbal statements; • order a limited number of measurements within the same system; • determine area and perimeter of a limited number of simple geometric shapes; • identify a few points in all four quadrants of a coordinate grid; • interpret discrete data from a limited number of graphs; • represent some probabilities of simple events as common fractions, given sample space and number of favorable outcomes; and • extend some simple number patterns.
<p>Pre-Foundational</p>	<p>A student at this level has <i>not</i> demonstrated the fundamental knowledge and skills needed for the next level of schooling. However, the student may be developing the foundational knowledge and skills that can be built upon to access the grade-level curriculum.</p> <p>Students scoring at this level <i>need to develop</i> the ability to</p> <ul style="list-style-type: none"> • compare and order—with at least some consistency—rational numbers; • solve at least some single-step problems involving positive rational numbers; • match at least some algebraic expressions, equations, and inequalities to verbal statements; • order at least a limited number of measurements within the same system; • determine area and perimeter of at least a limited number of simple geometric shapes; • identify at least a few points in all four quadrants of a coordinate grid; • interpret discrete data from at least a limited number of graphs; • represent at least some probabilities of simple events as common fractions, given sample space and number of favorable outcomes; and • extend at least some simple number patterns.