

**Louisiana Educational Assessment Program
LEAP Alternate Assessment, Level 2 (LAA 2)
Mathematics Achievement Level Descriptors: Grade 10**

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"> • use estimation to verify solutions and determine the reasonableness of results as applied to routine real-world problems; • use algebraic and geometric reasoning strategies to solve problems; • recognize relationships presented in verbal, algebraic, tabular, and graphical forms; • demonstrate knowledge of geometric relationships and corresponding measurement skills; • apply statistical reasoning in the organization and display of data and in reading tables and graphs; • generalize from patterns and examples in the areas of algebra, geometry, and statistics; • use correct mathematical language and symbols to communicate mathematical relationships and reasoning processes; and • use calculators appropriately to solve problems.
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"> • use estimation and measurement to verify solutions and determine the reasonableness of results as applied to routine real-world problems; • show limited use of fundamental algebraic, geometric, and statistical reasoning in problem solving; • interpret data presented in various forms; • show limited skills in communicating mathematically; and • demonstrate limited application of conceptual knowledge.
Foundational	<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"> • use some estimation and measurement to verify solutions and determine the reasonableness of results as applied to routine real-world problems; • show minimal knowledge of fundamental algebraic, geometric, and statistical reasoning in problem solving; • interpret data presented in limited forms; • show minimal skills in communicating mathematically; and • demonstrate minimal or inappropriate application of conceptual knowledge.

Pre-Foundational	<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">• use some estimation and measurement to verify solutions and determine the reasonableness of results as applied to routine real-world problems;• show minimal knowledge of fundamental algebraic, geometric, and statistical reasoning in problem solving;• interpret data presented in limited forms;• show minimal skills in communicating mathematically; and• demonstrate minimal application of conceptual knowledge.
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