

**Louisiana Educational Assessment Program
Louisiana Alternate Assessment, Level 2 (LAA 2)
Science Achievement Level Descriptors: Grade 4**

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"> • perform simple scientific tasks when given clear, sequential directions; • recognize questions that are appropriate to investigation; • organize and present data in a graphic form and draw conclusions based on data; • demonstrate basic knowledge/understanding about properties of objects, motion of objects, and forms of energy as they apply to everyday life; • demonstrate basic knowledge/understanding about characteristics, life cycles, and environments of organisms and relationships; • demonstrate basic knowledge/understanding about basic concepts related to properties of Earth materials, weather, and objects in the night sky; and • demonstrate basic knowledge/understanding about basic components of an ecosystem and recognize how change impacts the system.
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"> • perform portions of simple scientific tasks when given clear, sequential directions; • read/interpret some data in a graphic form; • respond to simple directed questions; • exhibit partial understanding of properties of objects, motion of objects, and forms of energy as they apply to everyday life; • exhibit partial understanding of characteristics, life cycles, and environments of organisms and relationships; • exhibit partial understanding of basic concepts related to properties of Earth materials, weather, and objects in the night sky; and • exhibit partial understanding of basic components of ecosystems and recognize how change impacts systems.

LAA 2 ACHIEVEMENT LEVEL DESCRIPTORS – SCIENCE GR 4

<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"> • demonstrate limited understanding of fundamental scientific tasks; • read/interpret simple data in graphic form; • make simple observations and respond to directed questions, when prompted; • exhibit limited understanding of the ways in which properties of objects, motion of objects, and forms of energy apply to everyday life; • exhibit limited understanding of characteristics, life cycles, and environments of organisms; • exhibit limited understanding of basic concepts related to properties of Earth materials, weather, and objects in the night sky; and • exhibit limited understanding of basic components of an ecosystem.
<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"> • demonstrate understanding of fundamental scientific tasks; • read/interpret simple data in graphic form; • make simple observations and respond to directed questions; • exhibit understanding of the ways in which properties of objects, motion of objects, and forms of energy apply to everyday life; • exhibit understanding of characteristics, life cycles, and environments of organisms; • exhibit understanding of basic concepts related to properties of Earth materials, weather, and objects in the night sky; and • exhibit understanding of basic components of an ecosystem.