

1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> Grade  
*Forest Ecology*

**Louisiana Grade Level Expectations for K-12 Science**

Grade Level	Strand of Science	Grade Level Expectation
1	Science as Inquiry: The Abilities to Do Scientific Inquiry	<b>1</b> (SI-E-A1) Ask questions about objects in the environment (e.g. plants, rocks, storms)
1	Science as Inquiry: The Abilities to Do Scientific Inquiry	<b>2</b> (SI-E-A1) Pose questions that can be answered by using students' own observations and scientific knowledge
1	Life Science: Characteristics of Organisms	<b>26</b> (LS-E-A1) Describe the differences between plants and animals
1	Life Science: Characteristics of Organisms	<b>27</b> (LS-E-A1) Identify what animals and plants need to grow and develop
1	Life Science: Characteristics of Organisms	<b>28</b> (LS-E-A2) Describe the characteristics of living (biotic) and nonliving (abiotic) things
2	Science as Inquiry: The Abilities to Do Scientific Inquiry	<b>1</b> (SI-E-A1) Ask questions about objects in the environment (e.g. plants, rocks, storms)
2	Science as Inquiry: The Abilities to Do Scientific Inquiry	<b>2</b> (SI-E-A1) Pose questions that can be answered by using students' own observations and scientific knowledge, and testable investigations
2	Life Science: Characteristics of Organisms	<b>27</b> (LS-E-A1) Match the appropriate food source and habitat for a variety of animals (e.g. cows/grass/field, fish/tadpoles/water)
2	Life Science: Organisms and Their Environments	<b>35</b> (LS-E-C1) Identify the components of a variety of habitats and describe how organisms in those habitats depend on each other
2	Science and the Environment	<b>45</b> (SE-E-A2) Locate and identify plants and animals within an ecosystem
2	Science and the Environment	<b>46</b> (SE-E-A2) Illustrate and describe a simple food chain located within an ecosystem
2	Science and the Environment	<b>47</b> (SE-E-A2) Identify the Sun as the primary energy source in a food chain

3	Science as Inquiry: The Abilities to Do Scientific Inquiry	<b>1</b> (SI-E-A1) Ask questions about objects in the environment (e.g. plants, rocks, storms)
3	Science as Inquiry: The Abilities to Do Scientific Inquiry	<b>2</b> (SI-E-A1) Pose questions that can be answered by using students' own observations and scientific knowledge, and testable investigations
3	Science and the Environment	<b>57</b> ( SE-E-A1) Describe the interrelationships of living (biotic) and nonliving (abiotic) components within various ecosystems (e.g. terrarium, swamp, backyard)