Who Lives in the Pond?, 1--2 hour lab
Related TEKS (revised for 2010-2011), K—2nd grade

112.11: Science, Kindergarten

(b)2. Scientific investigation and reasoning. The student develops abilities to ask questions and seek answers in classroom and outdoor investigations. The student is expected to:

A. Ask questions about organisms, objects, and events observed in the natural world.

C. Collect data and make observations using simple equipment such as hand lenses.

D. Record and organize data and observations using pictures, numbers, and words.

(b) 4. Scientific investigation and reasoning. The student uses age-appropriate tools and models to investigate the natural world. The student is expected to:

A. Collect information using tools, including…hand lenses, collecting nets, and notebooks…

B. Use senses as a tool of observation to identify …objects and events in the environment.

(b) 9. Organisms and environments. The student knows that plants and animals have basic needs and depend on the living and nonliving things around them for survival. The student is expected to:

B. Examine evidence that living organisms have basic needs such as food, water, and shelter for animals…

112.12: Science, Grade 1

(b)2. Scientific investigation and reasoning. The student develops abilities to ask questions and seek answers in classroom and outdoor investigations. The student is expected to:

A. Ask questions about organisms, objects, and events observed in the natural world.

C. Collect data and make observations using simple equipment such as hand lenses.

D. Record and organize data using pictures, numbers, and words.

(b) 4. Scientific investigation and reasoning. The student uses age-appropriate tools and models to investigate the natural world. The student is expected to:

A. Collect, record, and compare information using tools, including…hand lenses,…collecting nets, and notebooks…

(b)9. Organisms and environments. The student knows that the living environment is composed of relationships between organisms and the life cycles that occur. The student is expected to:

A. Sort and classify living and nonliving things based upon whether or not they have basic needs and produce offspring.

C. Gather evidence of interdependence among living organisms such as energy transfer through food chains and animals using plants for shelter.

(b) 10. Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments. The student is expected to:

A. Investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats.

112.13: Science, Grade 2

(b)2. Scientific investigation and reasoning. The student develops abilities necessary to do scientific inquiry in classroom and outdoor investigations. The student is expected to:

A. Ask questions about organisms, objects, and events during observations and investigations.

C. Collect data from observations using simple equipment such as hand lenses.

D. Record and organize data using pictures, numbers, and words.

(b)4. Scientific investigation and reasoning. The student uses age-appropriate tools and models to investigate the natural world. The student is expected to:

A. Collect, record, and compare information using tools, including…hand lenses, collecting nets, and notebooks…

(b)9. Organisms and environments. The student knows that living organisms have basic needs that must be met for them to survive within their environments. The student is expected to:

A. Identify the basic needs of plants and animals.

C. Compare and give examples of the ways living organisms depend on each other and on their environments such as food chains within a garden, park, beach, lake, and wooded area.

(b)10. Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments. The student is expected to:

C. Investigate and record some of the unique stages that insects undergo during their life cycles.