



Life Cycles at the Pond

2nd grade Curriculum Standards

Program Description: During our virtual Pond Study we'll explore Blue Jay's pond with a focus on life cycles and how these aquatic animals make their living in a watery world.

Target Audience: 2nd graders, but also appropriate for anyone in that age group.

2nd Grade Science Essential Standard and Clarifying Objectives:

2.L.1 Understand animal life cycles.

2.L.1.1 Summarize the life cycle of animals:

- Birth
- Developing into an adult
- Reproducing
- Aging and death

2.L.1.2 Compare life cycles of different animals such as, but not limited to, mealworms, ladybugs, crickets, guppies or frogs.

2.L.2 Remember that organisms differ from or are similar to their parents based on the characteristics of the organism.

2.L.2.1 Identify ways in which many plants and animals closely resemble their parents in observed appearance and ways they are different.

2.L.2.2 Recognize that there is variation among individuals that are related.

2nd grade Social Studies Essential Standard and Clarifying Objectives

2.G.1 Use geographic representations, terms and technology to process information from a spatial perspective.

2.G.1.1 Interpret maps of the school and community that contain symbols, legends and cardinal directions.

2.G.2 Understand the effects of humans interacting with their environment.

2.G.2.1 Give examples of ways in which people depend on the physical environment and natural resources to meet basic needs.

2.G.2.2 Explain how people positively and negatively affect the environment.