



## My Little Book of Painted Turtles

### Integrating NYS Learning Standards\*

\*For more information please visit [NYS P-12 Science Learning Standards](#) and [NYS Next Generation ELA Standards](#)

### Pre-Kindergarten Learning Standards

P. LIFE SCIENCES
<b>P-PS1-1</b> Ask questions and use observations to test the claim different kinds of matter exists as either a solid or a liquid.
<b>P-LS1-2</b> Plan and conduct an investigation to determine how familiar plants/animals use their external parts to help them survive in an environment.
<b>P-LS3-3</b> Develop a model to describe that some young plants and animals are similar to, but not exactly like, their parents.

#### New York State Next Generation Learning Standards Connections: ELA/Literacy

**PKR1** Participate in discussions about a text

**PKLS-5** Create a visual display



## Kindergarten Learning Standards

K. INTERDEPENDENT RELATIONSHIPS IN ECOSYSTEMS, ANIMALS, PLANTS AND THEIR ENVIRONMENT
<b>KPS-1</b> Plan and conduct an investigation that different kinds of matter exist as either solid or liquid, depending on temperature.
<b>K-ESS3-1</b> Use a model to represent the relationship between the needs of different plants and animals (including humans) and the places they live. (Clarification Statement: Examples of relationships could include that deer eat buds and leaves, therefore they usually live in forest areas, and grasses need sunlight so they often grow in meadows.)
<b>K-ESS3-3</b> Communicate solutions that will reduce the impact of humans on living and non-living things in the local environment.

New York State Next Generation Learning Standards Connections: ELA/Literacy

- KW2** Use a combination of drawing, dictating, oral expression, and/or emergent writing to name a familiar topic and supply information. (K-ESS2-2),(K-ESS2-3)
- KR1** Develop and answer questions about a text.
- KSL5c** Use words to identify and describe the world making connections between words and their use.

## First Grade Learning Standards

1. STRUCTURE, FUNCTION, AND INFORMATION PROCESSING
<b>1-LS1-1</b> Use materials to design a solution to a human problem mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.
<b>1-LS3-1</b> Make observations to construct an evidence-based account that some young plants and animals are similar to, but not exactly like, their parents.

New York State Next Generation Learning Standards Connections: ELA/Literacy

- 1R1** Develop and answer questions about key ideas and details in a text.
- 1W7** Recall and represent information from experiences or gather information from provided sources to answer a question. (1-LS3-1)
- 1L5b** Define words by category and by one or more key attributes (e.g., a duck is a bird that

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swims; a tiger is a large cat with stripes).

## Second Grade Learning Standards

INTERDEPENDENT RELATIONSHIPS IN ECOSYSTEMS
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<b>2-LS2-2</b> Develop a simple model that illustrates how plants and animals depend on each other for survival. [Clarification Statement: Examples could include animals dispersing seeds or pollinating plants, and plants providing food, shelter, and other materials for animals.]
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New York State Next Generation Learning Standards Connections: ELA/Literacy

**2W6** Develop questions and participate in shared research and explorations to answer questions and to build knowledge. (2-LS2-1),(2-LS4-1)

## Third Grade Learning Standards

INTERDEPENDENT RELATIONSHIPS IN ECOSYSTEMS
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<b>3-LS4-3.</b> Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all. [Clarification Statement: Examples of evidence could include needs and characteristics of the organisms and habitats involved. The organisms and their habitat make up a system in which the parts depend on each other.]
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New York State Next Generation Learning Standards Connections: ELA/Literacy

**3SL4** Report on a topic or text, tell a story, or recount an experience with appropriate facts and relevant, descriptive details, speaking clearly at an understandable pace. (3-LS4 3),(3-LS4-4)