



## Riverbend on the Road

Programs available during the 2022-2023 School Year for K - 5th grade

See Page 3 for Next Generation Science Standards (NGSS) supported by our programs

| Programs for Pre-K to 2nd grade |                       |                               |                    |
|---------------------------------|-----------------------|-------------------------------|--------------------|
| Title                           | Content Theme         | Title                         | Content Theme      |
| Nature's Five Senses            | Making Observations   | The Water Cycle               | Water in our World |
| Animal Homes                    | Habitats              | Cloud Types                   | Water in our World |
| Where Should Turtle Be?*        | Habitats              | Watersheds                    | Water in our World |
| Animal Investigators            | Habitats              | Keeping our Watershed Clean   | Water in our World |
| Bats                            | Halloween             | Why do we have seasons?       | Spring Time        |
| Insect Exploration*             | Halloween             | Is Soil Alive?                | Spring Time        |
| Decomposition                   | Halloween             | How Seeds Grow                | Spring Time        |
| Pumpkin Dissection              | Halloween             | Plants, Flowers & Pollination | Spring Time        |
| Parts of a Tree                 | Plants & Trees        | Nest Building                 | Spring Time        |
| Tree Identification             | Plants & Trees        | Whose Egg is This?            | Spring Time        |
| Evergreen vs. Deciduous         | Plants & Trees        | Fledglings                    | Spring Time        |
| Falling Leaves                  | Plants & Trees        | Frogs and Vernal Pools*       | Animal Life Cycles |
| Squirrel Acorn Interactions     | Animals in the Winter | Reptiles*                     | Animal Life Cycles |
| Migration                       | Animals in the Winter | Butterflies                   | Animal Life Cycles |
| Hibernation                     | Animals in the Winter | Recycling Relay               | Earth Day          |
| Winter Adaptations              | Animals in the Winter | Types of Rocks                | Geology            |

\*Program includes the use of a live animal.



| <b>Habitat Investigators Series for 1st and 2nd Grade</b>  |                      |
|--|----------------------|
| <b>Title</b>   | <b>Content Theme</b> |
| Lesson 1: How can we use our senses to investigate habitats?   | Habitats             |
| Lesson 2: How do we know if something is living or nonliving?  | Habitats             |
| Lesson 3: What do all living things need to survive? What questions can we ask to find out?          | Habitats             |
| Lesson 4: How do living things in a meadow interact with their ecosystem? What job does everyone do? | Habitats             |
| Lesson 5: What kinds of plants and animals exist in our school habitat?                              | Habitats             |

| <b>Programs for 3rd - 5th grade</b>                 |                         |
|---|-------------------------|
| <b>Title</b>  | <b>Content Theme</b>    |
| Making Observations and Asking Scientific Questions | Inquiry-Based Learning* |
| What habitats exist on our school yard?             | Habitats                |
| Food Chains: How energy moves through an ecosystem  | Ecosystems**            |
| Is my schoolyard an ecosystem?                      | Ecosystems**            |
| What is a watershed?                                | Watersheds**            |
| How is my school part of the local watershed?       | Watersheds**            |

\*Program includes the use of a live animal.

\*\*Riverbend recommends pairing Ecosystems and Watersheds topics with a field trip.



| Relevant Next Generation Science Standards (NGSS) |  |   |
|---|--|---|
| Grade   | Topic  | Standards                                 |
| Kindergarten                                      | -Habitats (what plants and animals need to live, where and how they get them)  | K-LS1, K-ESS2-2, K-ESS3                   |
| 1st   | -How parents provide traits and behaviors that help offspring survive  | 1-LS1, 1-LS3                              |
| 2nd   | -Plants need sun and water to grow<br>-Model pollinators and seed dispersal methods<br>-Compare diversity in habitats  | 2-LS2<br>2-LS2<br>2-LS4                   |
| 3rd   | -Lifecycles<br>-Habitats: how animals and plants are adapted to their environment  | 3-LS1<br>3-LS4                            |
| 4th   | -Adaptations: animals have internal/external structures to help them live, how they get information.   | 4-LS1                                     |
| 5th   | -Tracking food webs/chains to the sun, between living things.<br>-Model how plants get materials from the air and water.<br>-Earth Cycles<br>-How Humans Protect the Earth | 5-PS3, 5-LS2<br>5-LS1<br>5-ESS2<br>5-ESS3 |