

Science Enrichment Offerings: NIC

2019-2020 Academic Year

Nature in the Classroom: a 60-minute Classroom Program

We offer Nature in the Classroom (NIC) for classroom enrichment programs at your school around natural science topics. These one-hour programs can be scheduled any time during the school year and can be used to enrich topics that the class is studying or to present a standards-based environmental education program using our resources (pelts, birds, skulls, tracks, other animal signs, and more). Each NIC program offers unique curriculum presented by SJMA instructors. They help teachers meet state science standards, while engaging students through enriching, inquiry-based activities.

NIC Topics

5 Senses Discovery (Pre-K & Kindergarten)

Standard: P: 1.1, 2.1; K:1.1, 2.1

Students practice observation skills, review the 5 senses, and make comparisons between animals and humans.

Insect Investigation (Grades 1-3)

Standard: 1st: 2.1, 2.2; 2nd: 2.1, 2.2, 3.1; 3rd: 2.1

Students study insect and spider anatomy, life cycles, metamorphosis, and diversity.

Plants are Producers (Grades 1-3)

Standard: 1st: 2.1, 2.2; 2nd: 2.2; 3rd:

2.1

By dissecting flowers, students explore plant anatomy, pollination, seed production, and the role of plants in human life.

Buzz on Bees (Grades 1-4)

Standard: 1st: 2.1, 2.2; 2nd: 2.1, 2.2; 3rd: 2.1; 4th: 2.1,

2.3

Interactive demonstrations teach students about the happenings of a hive. Comparing human jobs and responsibilities to bees' complex social interactions helps students connect to these fascinating and ecologically-important insects.

Winter Wildlife (Grades 1-4)

Standard: 1st: 2.1, 2.2; 2nd: 2.2; 3rd: 2.1; 4th: 2.1, 2.3

Students study insect and spider anatomy, life cycles, metamorphosis, and diversity

Animal Signs (Grades 2-4)

Standard: 2nd: 2.1, 2.2; 3rd: 2.1; 4th: 2.1, 2.2

Students investigate local animals using signs and clues to figure out who's been where and what they've been doing.

All About Owls (Grades 2-5)

Standard: 2nd: 2.1, 2.2; 4th: 2.1; 5th: 2.1

Students learn about owls by studying their unique adaptations. Students explore real life specimens of wings, talons, beaks, feathers, and bones of owls. Students will have the chance to dissect owl pellets as part of the lesson. Instructors will guide students through examples of how owls adapt and

survive.

Bird Basics (Grades 2-5)

Standard: 2nd: 2.1, 2.2; 3rd: 2.1; 4th: 2.1; 5th: 2.1

Hollow bones, flight feathers, and specialized feet are just some of the features that make birds unique. Students explore our bird, egg and nest collections and discover first hand how birds are adapted for finding and eating very specific foods.

Fire: A Forest Friend (Grades 4-6)

Standard: : 4th: 1.1, 2.3; 5th: 3.2; 6th: 2.1, 2.2, 3.1, 3.3

Forest fires may seem scary or destructive, but they are an important part of a forest ecosystem. Students build models demonstrating different ways fire can move through a forest and the effects on animal and plant communities.

Rock Talk (Grades 3-6)

Standard: : 3rd: 3.1; 4th: 2.1; 5th: 3.2; 6th: 3.1, 3.3

From prehistoric fossils to amazing landforms, there are many clues on Earth that show how the world has changed over time. An instructor will lead your class in a hands-on lesson that looks at these clues and discusses what changes they represent.

NIC Pricing:

No. of Classes	Price/Class	Total Price
1	\$60	\$60
2	\$55	\$110
3	\$50	\$150
4	\$45	\$180

NIC Mileage Fee:

A mileage fee of \$0.55/mile which is the 2019 Colorado AWD mileage reimbursement rate will be applied to all NIC programs.

Scheduling:

For all programs, call 970-385-1256 or email at info@sjma.org. We recommend that programs be scheduled at least 30 days prior to the start of the season in which you wish to do the program (Fall, Winter, or Spring). SJMA program seasons are listed below:

Fall Season--late September through mid-November | **Winter Season**--mid-January through mid-March | **Spring Season**--April through end of May