



Achieve Your Teaching Goals and Motivate Your Kids

with the Amoskeag Fishways

Our award winning school programs are presented by professional environmental educators and focus on ecological and historical issues that are relevant to your students.

Cost and Availability

Most school programs are conducted year round, Monday-Saturday, 9:30 a.m.-4:00 p.m. Fish season tours are conducted from May 1 to mid-June, 7 days a week, 9:00 a.m.-4:00 p.m. Pre-registration is required for all programs. Please call at least two weeks in advance. All programs must be paid in advance.

60 Minute Program = \$50

90 Minute Program = \$60

2 Hour Program = \$75

Travel Program = \$75 + \$0.90/mile

(serving sites within 1 hour of Fishways)

Cancellations

If your group cannot make a scheduled program, you must notify the Fishways as soon as possible. Refunds will be made as follows:

- Notified 20 business days in advance – full refund
- 19-10 business days in advance – 75% refund
- Less than 10 business days – no refund given

Scheduling

To schedule a program, call 626-FISH (3474) between 9:00 a.m. and 5:00 p.m., Monday through Saturday. Groups may register for two consecutive programs if they wish. Scout groups and home school groups are welcome to register for programs.

Group Size

Maximum number of students is 30. Minimum number of students is 10. (Fish season can accommodate larger groups.)

Fish Season Tours

Walking tours of the fish ladder are available in May and June. Call for exact dates each season. Groups larger than 30 can be accommodated.

Fish Season Tour Donation = \$20

Combined Field Trip Options

To make the most of your visit, the Fishways has partnered with several other nearby learning centers to offer a combined field trip experience for the entire day. If you are interested in this option, call 626-FISH for more information.

Meeting the New Hampshire Science Curriculum Frameworks

Amoskeag Fishways programs meet the NH Science curriculum frameworks standards. Use the key below to help determine which programs are appropriate to achieve your teaching objectives.

Domain	"CF" Code	Stem
Earth/Space Science	1a	Atmosphere, Climate, Weather
	1b	Water
	1c	Environmental Issues
Life Science	2a	Classification
	2b	Living Things & Organization
	2c	Reproduction
	2d	Environment
	2e	Flow of Energy
	2f	Recycling of Materials
	2g	Change
	2h	Behavior
Physical Science	2i	Tools
	3a	Properties
	3b	Energy
	3c	Tools
Science Process Skills	3d	Social Issues
	4a	Make Observations
	4b	Design Investigations
	4c	Conduct Investigations
	4d	Evaluate Explanations
	4e	Nature of Science
	4f	Models and Scale
	4g	Patterns of Change
	4h	Systems & Energy

Call 626-FISH (3474) to register.

River Ecology and Wildlife

***Wildlife of the River Community**

What animals live along the Merrimack River and why are they found there? Hands-on activities and observation of live animals help students explore adaptation, life cycles, and food webs.

Grade Level: 2-4

Program Length: 90 minutes

Program Cost: \$60

CF Codes: 2b, 2c, 2d, 2e

***Fabulous Fish**

Hook your students on the fascinating behavior and adaptations of Merrimack, River fishes. Observe live fish, learn about fish life cycles, and explore the characteristics that make a fish a fish.

Grade Level: Pre-K - 4

Program Length: 90 minutes (grade 1-4) 60 minutes (pre-K & K)

Program cost: \$60 for 90 minutes, \$50 for 60 minutes

CF Codes: 2a, 2b, 2c

***Down the Drain**

Follow a raindrop through the water cycle to learn about watersheds and water conservation. Students will build their own watersheds and participate in water cycle modeling.

Grade Level: 3-8

Program Length: 90 minutes

Program Cost: \$60

CF Codes: 1a, 1b, 1c, 2g, 3a, 4f

Merrimack Magic

What living things can be found in the Merrimack River ecosystem? And how is matter cycled through the system? Using a video-microscope and direct observation of living things, students will explore the concepts of photosynthesis, producers, consumers, and decomposers within a river system.

Grade Level: 4-8

Program Length: 90 minutes

Program Cost: \$60

CF Codes: 2a, 2e, 2f, 2i, 4h

***River Life**

From microscopic life to large vertebrates, NH's own Merrimack River hosts a wide variety of aquatic creatures. Through hands-on activities and observation of live organisms, students will explore food webs of the river and the unique adaptations of river wildlife.

Grade Level: 4-6

Program Length: 90 minutes

Program Cost: \$60

CF Codes: 2b, 2e, 2f, 4h

***Mad About Mammals**

What are warmblooded, furry, and can be seen in your own backyard? Mammals, of course! Come to the Fishwaysto learn all about our local mammals. The program includes hands-on activities.

Grade Level: Pre-K & K

Program Length: 60 minutes

Program Cost: \$50

CF Codes: 2a, 2b

***Slithery, Slimy, and Scaly: Reptiles and Amphibians**

Learn the difference between these two fascinating groups of creatures. Hands-on activities and observation of live animals help students explore the life cycles, adaptations and fascinating behaviors of our local snakes, turtles, frogs and salamanders.

Grade Level: Pre-K -4

Program Length: 90 minutes (grade 1-4) 60 minutes (pre K & K)

Program Cost: \$60 for 90 minutes, \$50 for 60 minutes

CF Codes: 2a, 2b, 2c, 2h

***Birds in Your Neighborhood**

Birds are all around us, even in the city. In this program students view actual bird wings, feet, skulls and a skeleton, and engage in activities that help them understand special bird adaptations and behavior. Outdoor observation increases students' awareness by viewing birds they might not have noticed before.

Grade Level: 2-4

Program Length: 90 minutes

Program Cost: \$60

CF Codes: 2a, 2b, 2h

Call 626-FISH (3474) to register.

* Program can travel to your location



River Ecology Series

Part 1: How Did This River Get Here?

covers the water cycle, watersheds, groundwater flow and stream flow

Part 2: Life in a River

covers photosynthesis, microscopic life, macroinvertebrates, vertebrates, and riparian food webs

Part 3: Water Quality

covers biological indicators of water quality and includes a trip to a local stream

Part 4: Human Harm, Human Help

covers water pollution and habitat destruction, as well as ways to reduce our impact on rivers

Grade Level:4-8

Program Length: 2 hours per session

Cost: \$75 per session

CF Codes: 1a, 1b, 1c, 2a, 2c, 2e, 2f, 2g, 2i, 4f, 4h

Living Along the River

Each session teaches the concepts of animal habitat, adaptation and classification, all using the context of a river. Observation of pelts, skulls, and mounts, as well as hands-on activities engages students and enhances learning.

Part 1: Furry River Creatures

Part 2: Feathered River Creatures

Part 3: Gills, Scales and Fins

Part 4: Bugs Below the Surface

Grade Level: 1-3

Program Length: 90 minutes per session

Program Cost: \$60 per session

CF Codes: 2a, 2b, 2d, 2e

Electricity

*Edison's Workshop

Turn back the clock and explore Thomas Edison's Workshop. Students learn the basics of electricity, then conduct their own experiment in building a light bulb.

Grade Level: 4-6

Program Length: 90 minutes

Program Cost: \$60 per session

CF Codes: 1c, 3b, 3d, 4a, 4b, 4c, 4d, 4e

You Can Turn Water Into Watt?

Grade Level: 4-12

Program Length: 90 minutes

Program Cost: \$60 per session

CF Codes: 1c, 2g, 3b, 3d

Edison Meets the 21st Century

Explore the use of solar panels while learning about basic electrical concepts. Students will measure volts, amps and watts with various appliances connected to solar panels and will learn about the relationship between electrical generation, environmental impacts and energy conservation.

Grade Level:4-12

Program Length: 90 minutes

Program Cost: \$60 per session

CF Codes: 1c, 2g, 3b, 3c, 3d, 4a, 4e, 4f, 4g

Native Peoples

*A Village Along the Merrimack

Students are taken back to the days when the Amoskeag Falls was the site of large Penacook fishing villages. The program naturalist helps students explore the every day world of the Penacook people, interpret artifacts, play games and examine natural materials necessary to life long ago.

Grade Level: Pre-K - 6

Program Length: 90 minutes (grade 1-6) 60 minutes (pre-K & K)

Program cost: \$60 for 90 minutes, \$50 for 60 minutes

CF Codes: NH History, Historical Analysis and Interpretation

Fish Season

Fish Season Tours

This walking tour will teach students about the history of the Merrimack River, hydroelectric power generation, how the fish ladder works and which migratory fish use the ladder to bypass the dam each spring. The tour ends with an underwater look into the ladder. Groups larger than 30 can be accommodated.

Program Availability: May and June (call for exact dates)

Age level: Pre-school to Adult

Program Length: 60 minutes

Program Cost: \$20 suggested donation

CF Codes: 1c, 2b, 2c, 2d, 2g, 2h, 3b, 3d

Outdoor Programs Available

Please call for more information.

Stream/River Explorations

Pond Explorations

Water Quality Monitoring

Forest Explorations

Life in the Soil

Wildlife Searches

Play in the Woods

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* Program can travel to your location

