

TAPLINE

STONEWALL FARM'S SCHOOL PROGRAM GUIDE
 2013-2014 SCHOOL YEAR

INTRODUCTION

Stonewall Farm school programs use our organic dairy, gardens, green-houses, trails and natural areas to bring agriculture and natural science concepts to life. We align all our programs to NH and VT standards to help you meet your education goals.

COMMUNITY IMPACT

At our farm, or at your school, large groups or single classes, our experienced education staff makes learning effective, and fun. Because we are part of your community, and open year round, students and their families and friends can return to the farm to pass their knowledge forward—a farm program can have a broader impact than the classroom alone.

CUSTOM PROGRAMMING

Don't see what you need this school year? Call us to discuss **custom** or **home school programs**. We're here to bring your agriculture and natural science topics to life!

WILD ROOTS NATURE SCHOOL

We now have a nursery school for 3 & 4 year olds. Students spend three mornings a week at the farm learning and growing through hands-on, nature-based experiential education. See inside for details.

PROGRAMS AT A GLANCE

(See inside for program details)

NEW THIS SCHOOL YEAR:

FARM ARCHITECTURE

Discover the specific roles a farm's different buildings play as students explore the various styles of architecture at Stonewall Farm.

OR CHOOSE FROM OUR TRADITIONAL PROGRAMS:

FARM ANIMALS

Learn about the biology and care of sheep, alpacas, ducks, chickens, rabbits and cows, and the products they provide.

FARM TO TABLE

Discover the roots of our food system—harvest from our garden, bake bread from scratch, milk a cow, learn about pasteurizing, and taste Stonewall Farm's yogurt.

FALL HARVEST

Learn the pumpkin life cycle, make apple cider and enjoy a hayride.

WETLAND WILDLIFE

Students become scientists and record observations of wetland life, and their adaptations.

MAPLE SUGARIN'

Learn maple tree biology and sugarin' history, how to tap trees and boil sap into syrup, visit our sugar house, and take a sugar bush hay ride.

This is not a school-sponsored event



Field Trip Registration & Information

REGISTRATION

To schedule a field trip please contact Sarah at 603-357-7278 or santel@stonewallfarm.org.

LUNCH

If you need space for lunch before or after the program please let us know.

MINIMUM AND MAXIMUM GROUP SIZES

There is a 12 student minimum, If your group is less than 12 ask about joining another class. If your group is larger than the group size listed inside, please ask if we can accommodate the larger group.

ALLERGIES

Many of our programs involve food items and animals. **If you have students with any allergy concerns please let us know before the day of the trip** so we can modify the program.

APPROPRIATE CLOTHING

Please make sure students are dressed for the season, the day's weather, and with sturdy closed-toe shoes. Sandals and dress shoes are not safe.

NAME TAGS

Please provide students with name tags large enough for our instructors to see.

ALTERNATIVE PROGRAMMING

Have an idea for a field trip? We're happy to work with you to create custom programs. Working on a tight budget? Ask about our Outreach Programs. When we come to you it can save on transportation costs and travel time.

FARM ANIMALS

Visit our farm animals and learn about their biology, daily care, and how they earn their keep by providing specific products or services. Get up close and personal with our sheep, alpaca (take him for a walk), ducks, chickens, rabbits, cows (try your hand at milking) and horses. Finish your visit with a hayride, pulled by our Belgian draft horses.

State Standards: NHB1; NHB3; NHC1; NHC3. VTC; VTRP; VTP; VTSR; VTL1; VTL2

Grade Levels: K-6
Booking Dates: September - June
Group Size: Up to 40
Length: 2 hours
Fee: \$7/child

WETLAND WILDLIFE

Students are the scientists, collecting and recording information on our wetland wildlife. This natural science exploration helps students understand the concepts of life cycles, habitat and adaptations, while learning how to observe wildlife respectfully.

State Standards: NHB1; NHB2; NHD1; NHD3; NHD4. VTC; VTRP; VTP; VTL1; VTL2

Grade Levels: 2 - 6
Booking Dates: May - June
Group Size: Up to 20
Length: 2 hours
Fee: \$6/child

ICE HARVESTING

Students go back in time as they use antique tools to harvest ice blocks from our pond and store them in our ice house. They will explore the Farm's history museum and learn about insulation through scientific experimentation.

State Standards: NHA1; NHB4; NHC1; NHC4; VTH; VTS; VTQ

Grade Levels: 4-8
Booking Dates: February 10-21
Group Size: Up to 30
Length: 2 hours
Fee: \$6/child

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FARM TO TABLE

Bring students back to the roots of our food system and food production while learning good eating habits. Harvest from the garden or greenhouse, milk a cow, collect eggs, make butter, and bake bread from scratch. End the experience with a light meal of bread and in-season veggies.

State Standards: NHB1; NHB2. VTC; VTRP; VTP; VTH; VTL1; VTL2

Grade Levels: K-6
Booking Dates: Sept. - November, May - June
Group Size: Up to 30
Length: 4 hours
Fee: \$10/child

FARM ARCHITECTURE

Students will closely examine the various buildings of Stonewall Farm such as the greenhouses, corn crib, dairy barn, and sugar house and the role they play in food production. Students will work together to design their own farm building with a specific use.

State Standards: NHB3; NHB4; NHC4; NHD3; NHD5; VTH; VTS; VTC; VTQ

Grade Levels: 4-12
Booking Dates: September - June
Group Size: Up to 40
Length: 2 hours
Fee: \$6/child

FALL HARVEST

Experience the farm in the fall while learning about plant biology and history. Students help "pollinate" some giant pumpkin flowers, and meet the Great Pumpkin. Then learn about apples while using our antique cider press to make a healthy treat. Wrap up the lesson with a hayride to see the fall colors in the woods and fields.

State Standards: NHB1; NHB3; NHB4. VTC; VTRP; VTP; VTSR; VTL1; VTL2

Grade Levels: PreK - 3
Booking Dates: October
Group Size: Up to 60
Length: 1.5 hours
Fee: \$7/child

MAPLE SUGARIN'

Take part in the New England tradition that welcomes back spring. Learn the biology and natural history of maple trees, the history of sugarin', tap a tree, saw some firewood, and boil some sap. Visit our sugar house and try a sweet treat with syrup. Top it off with a hay ride through the sugar bush.

State Standards: NHA1; NHA2; NHB1; NHB2; NHC1; NHC2; NHC3. VTC; VTRP; VTP; VTL1; VTL2

Grade Levels: K - 6
Booking Dates: March
Group Size: Up to 60
Length: 2 hours
Fee: \$7/child

CUSTOM PROGRAMS

We can design custom programs for your group. You can choose from a large number of activities. Below is a condensed list. Please contact us for details (santel@stonewallfarm.org or 603-357-7278).

Tree ID, dairy tour/milking, butter making, wool crafts, hayride/sleigh ride, plant a seed, leaf pounding, cider making, soil science, snowshoeing, insulation experiments, tracking, greenhouse tour, insect investigations, pond/stream exploration ... and more!

State Standards: Varies
Grade Levels: Pre K - 12
Booking Dates: September - June
Group Size: Up to 60
Length: Varies
Fee: Varies

WILD ROOTS NATURE SCHOOL

Wild Roots nourishes the whole child by utilizing the natural environment as a classroom. 3 & 4 year olds will spend Mon., Wed., & Fri., 8:30-12:30 throughout the school year at the farm learning and growing.

If you would like information, please contact Liza Lowe at: llowe@stonewallfarm.org

STATE STANDARDS CODE	2: Reading Connection 3: Informational Writing 4: Writing Conventions 5: Oral Communication
NH: NEW HAMPSHIRE	
A: Mathematics	VT: VERMONT
1: Numbers & Operations	H: History & Social Sciences
2: Data, Statistics, & Probability	S: Science, Math. & Technology
3: Problem Solving, Reasoning, & Proof	C: Communication
4: Communications, Connections, Representations	RP: Reasoning and Probability
B: Science	P: Personal Development
1: Science Process Skills	SR: Civic/ Social Responsibility
2: Earth, Space Science	E: Expression
3: Life Science	N: Notation & Representation
4: Physical Science	R: Research
C: Social Studies	Q: Questioning & Problem Solving
1: Economics	A: Arts, Language, & Literature
2: Geology	L: Learning Opportunities
3: World History	1: Access
4: History	2: Best Practices
D: Written & Oral Communication	Contact us for more information on standards.
1: Structures of Language	