



Would Your Classroom benefit from an Ag Fieldtrip, but you lack funding? MAITC \$1,000 Grants would cover it! Check our [website](#) for grant applications and deadlines.

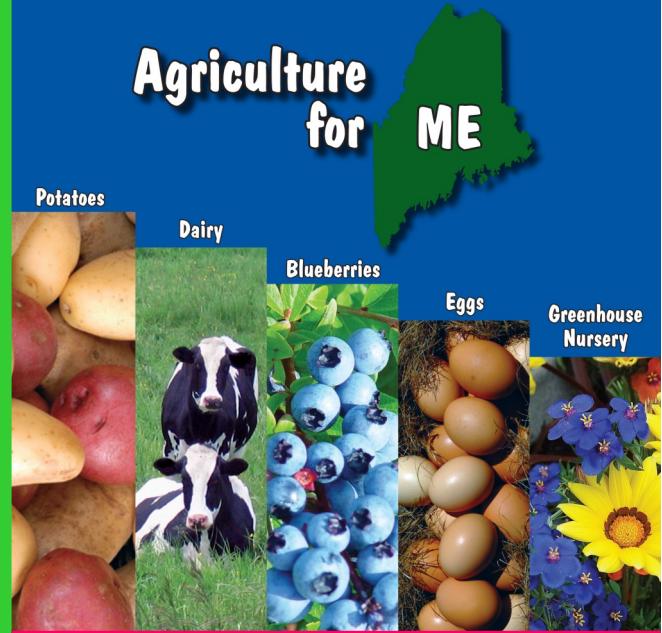
Would you like to locate farms in your area that might host your students or visit your classroom?

[www.getrealmaine.com](http://www.getrealmaine.com) has a searchable list of farms, with fairs and events listed too!

Would teachers like to learn more about Maine Agriculture and earn recertification credits too? Think about attending the MAITC [Summer Teachers Institute!](#)

Teachers can register for a [\*\*Harvest of Curricula\*\*](#) to support Maine Farmers and producers, and harvest of the month! For Direct delivery to your inbox

[\*\*Sign up here!\*\*](#)



Funding from this Specialty License plate and the Department of Agriculture, Conservation and Forestry supports teacher curriculum materials connecting classrooms to the HARVEST OF THE MONTH project! Please thank everyone you know with this plate!



### Suggested MAITC Lesson Plans for Educators

(Aligned to State & National Standards)  
[www.TeachMEFoodandFarms.org](http://www.TeachMEFoodandFarms.org)

- \* [\*\*Don't Use it All Up!\*\*](#) Grades PK - 8. Students participate in a sponge demonstration to discover that people are consumers of resources and explore methods of conserving those resources.
- \* [\*\*It All Starts With A\*\*](#) Grades 3 - 8. Students conduct surveys to learn what agriculture provides to people. They organize, simplify, and communicate their findings using tallies, frequency tables, and histograms.
- \* [\*\*Spinach\*\*](#) Grades 3 - 5. Students will be able to explain the history of spinach and locate where it is grown on a Maine map. They will be able to explain what part of the plant spinach is, the growing season and its nutritional benefits. Students will be able to plan a healthy lunch menu, write a persuasive letter that includes spinach, and participate in composting activities.

# LESSONS FROM THE *National* Agriculture in the Classroom

## CURRICULUM MATRIX

Searchable directly from the MAITC Home page!



You can receive monthly resources from Maine Agriculture in the Classroom by signing up for our E-Newsletter [HERE](#)



## June is Leafy Greens Month!

Check out these great Agriculture lessons from our  
National Ag Literacy Curriculum Matrix

- **[Eat 'Em Up](#)**. Grades K-2. In this lesson, students will review the plant parts that they eat, including roots, stems, flowers, leaves, fruit, and seeds. Students will choose a favorite fruit or vegetable to feature in a healthy recipe and prepare it with their families.
- **[Eating Plants](#)**. Grades K-2. Students will identify the structure and function of six plant parts and classify fruits and vegetables according to which parts of the plants are edible.
- **[Luscious Leaves](#)**. Grades 3-5. The purpose of this lesson is to review the functions of plant leaves and to develop an understanding of leaves as edible parts of some plants. Many edible leaves are part of a healthy diet and are a good source of vitamin A.
- **[Edible Numbers](#)** - Grades 3 - 5. Students will develop a working vocabulary regarding food, categorize foods by their sources, examine grocery ads, learn about food production, and apply what they learned by analyzing foods they eat at a particular meal.
- **[Can We Have Too Much of a Good Thing?](#)** Grades 6-8. In this lesson students will understand that plants require nutrients in the proper concentrations. Students will discover that plants can be damaged or killed by either too many or too few nutrients.
- **[Food MASTER Middle: Vegetables](#)** Grades 6 - 8. Students will learn the concept of pH, and the impact of acids and bases on plant pigments, explore the impact of acids and bases on plant cell structure, and discover the health benefits of consuming vegetables.
- **[Global Food Security](#)**. Grades 9-12. Students will explore the causes of hunger, both domestically and globally; evaluate potential solutions for solving world hunger; and forecast the impact of a growing world population on current food supplies.

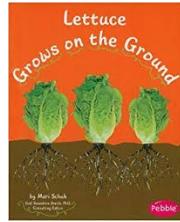
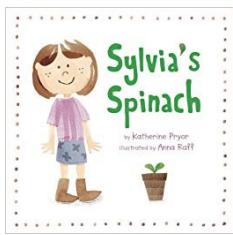
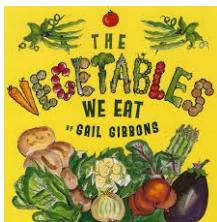


### Great Books about Leafy Greens!

*Sylvia's Spinach*

*Lettuce Grows on the Ground*

*The Vegetables We Eat*



### Videos!

[How Does it Grow?](#)  
[Hydroponic Spinach](#)



[Book Read Aloud:  
\*Agriculture for ME\*](#)



[Growing Maine  
Gardeners: How to  
Grow Microgreens  
Indoors](#)

