# Remote Learning & Online Resources Guide

Maine Agriculture in the Classroom

www.MaineAgintheClassroom.org

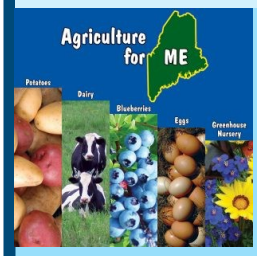
Maine Agriculture in the Classroom has tons of resources available on our website, lesson site, and in past newsletters. In this document we're highlighting some that we think might be especially helpful during this time of remote learning. Pictures, videos, and words are hyperlinked throughout this document.




**Teach ME About Food and Farms** Lesson Site is a collection of lessons and resources for educators in Grades Pre-K – 12 that is accessible and searchable by topic, grade and Maine Learning Results and Common Core Standards.

**What you'll find:** Maine based lessons, books, activities, and videos

All **SIX** of our *Agriculture for ME* books are available to read right online. Each of them are linked below with accompanying lessons and activities you can do with them.




Read our Agriculture for ME book here!

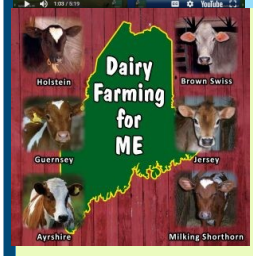
This book gives a basic overview of the different types of agriculture you can find in Maine.

**Lessons & Activities:**

- Agriculture for ME Crossword
- Words game & word search

Watch the Read Aloud Video



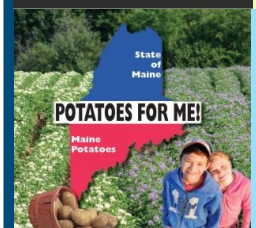

Read our Dairy Farming for ME book here! This book talks all about dairy farming in Maine.

**Lessons & Activities:**

- Try making your own butter or ice cream!
- Milk Matters lesson
- Dairy Crossword puzzle
- COW-culations
- Dairy word search

Watch the Read Aloud Video



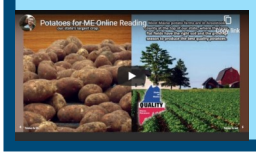



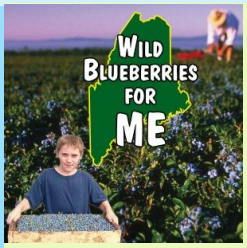

Read our Potatoes for ME book here! This book is all about potato farming in Maine.

**Lessons & Activities:**

- Potato-gram
- Potato coloring
- Potato math
- Potato crossword
- Try making some potato recipes
- Potato word search

Watch the Read Aloud Video




Read our Wild Blueberries for ME book here! This book talks all about wild blueberries and their history, growth, and importance in Maine.

**Lessons & Activities:**

- Blueberry bubble gram
- Wild Blueberry Crossword
- Wild blueberry word search
- Wild blueberry graphing
- Make wild blueberry dye
- Try some of these wild blueberry recipes

Watch the Read Aloud Video





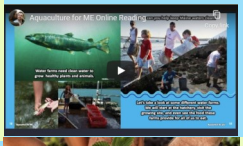


Read our Aquaculture for ME book here! Read this book to learn all about the different type of aquaculture Maine has to offer.

**Lessons & Activities:**

- Aquaculture crossword
- Salmon lifestyle maze
- Maine aqua-gram
- Aquaculture matching
- Try making some of these seafood recipes
- Aquaculture mathematics word problems

Watch the Read Aloud Video







Read our Plant Something for ME book here! This book talks all about the process of planting and growing, photosynthesis, and also different careers involved.

**Lessons & Activities:**

- Explore and taste test the different parts of a plant (roots - carrots, stems - celery, leaves - lettuce, seeds - sunflower seeds, and fruit - apple)
- Try planting something together!

Watch the Read Aloud Video



# Lessons

Visit the National Agricultural Literacy Curriculum Matrix on the home page of our website. The matrix is an online, searchable, and standards-based curriculum map for K-12 teachers.




National Agriculture in the Classroom has developed an **eLearning page** to support teachers delivering online content. This page contains super user-friendly content that teachers can just drop into their google classrooms.

LESSONS FROM THE National Agriculture in the Classroom CURRICULUM MATRIX
Searchable directly from the MAITC Home page!

Learn at Home. The University of Maine Cooperative Extension has assembled this collection of helpful educational resources to support remote learning.

1865 THE UNIVERSITY OF MAINE Cooperative Extension

NGSS Garden Curriculum Bins

NGSS Garden Curriculum Bins. A partnership between Cultivating Community, FoodCorps, Portland Public Schools, and St. Mary's Nutrition Center has released Next Generation Science Standards (NGSS) aligned curriculum bins for garden-based education. These bins are a compilation of lessons and resources organized by grade level (K-5) to help teach garden-based education.

CULTIVATING COMMUNITY

PORTLAND PUBLIC SCHOOLS prepared & empowered

kidsGARDENING LESSONS TO GROW BY

Lessons to Grow By, developed by Kidsgardening.org, is a free four-month program of weekly garden-themed lessons and activities for parents teaching at home, or for educators instructing via distance learning. These are aimed for grades 3-5 and include hand-on activities and ideas for supplemental learning as well.




Maine Agriculture in the Classroom puts out a monthly e-newsletter with new resources, lessons, reminders, events, grant deadlines, partner updates, program features and successes, and more. Subscribe today!

Like us on Facebook for resources posted on a daily basis.

# Video Resources

Be sure to check out the growing video library we have available on our lesson site. Below are other great educational video resources.




The "How Does it Grow" series from True Food TV is a great resource for videos on how different types of food grow.



Growing Maine is a video storytelling series about farmers and food producers. Hear the stories from the farmers themselves. Watch these short videos to learn more about:

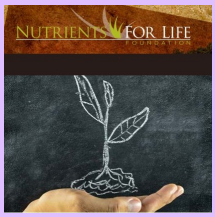
- Family farms and how they start
- How Maine family farms and food producers make decisions
- What's really important to help a family farm business succeed
- "How do they do that?" Behind the scenes of local food production.

National Agriculture in the Classroom

Visit the National Ag in the Classroom website to check out their selection of virtual farm tours.

FOODCORPS

FoodCorps Service Members across the country have developed over 100 videos demonstrating food and garden education lessons.




Check out the Nutrients for Life video library for curriculum videos, virtual field trips, and more! They also have a collection of video E-lessons with hands on activity demonstrations.




Funding from this specialty license plate helps make our programming possible!
$10 from the sale of each set of this colorful plate is transferred to a special fund for agricultural education programs in Maine administered by the Maine Agriculture in the Classroom Council.
**THANK YOU** to every Maine driver that proudly displays this plate!

# Games, Readers, & More

## Projects from the American Farm Bureau Foundation for Agriculture.

My American Farm: an educational game platform used to engage pre-K through fifth grade learners. The free site offers agriculturally-themed games and more than 100 free educator resources such as ag lesson plans, activity sheets and comics.

Game Example: their "Ag Across America" game features real farmers asking trivia questions about where food grows.
Also available from AFB: Ag mags, grants, lesson plans and teacher resource guides. Check out their searchable Ag Lit Catalog.

Feeding Minds Press: The My Little Ag Me Book Series is a series of free printable books for grades 3-5. Students can easily read the books online without printing and learn more about the variety of agricultural careers that play key roles in getting food to our tables. Feeding Minds Press has other books with accompanying activities on their website as well—check out "Right This Very Minute" and "Chuck's Ice Cream Wish."



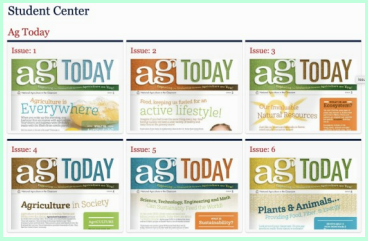
**Journey 2050** is an educational gaming platform that explains the concept of sustainability. The seven-level game and program meets educational standards for science, geography, social studies, STEM, career and technical education and agriculture classes. Lesson topics include: sustainability, soil, water, economy, geography, culture, careers, agriculture technology and project-based learning. It is geared to grades 7-12, is free of charge and is compatible on all devices. New learning tip sheets, guides and an additional webpage have been added to the Journey 2050 website to make learning from home easier. In addition, new eLearning resources for Journey 2050 have been developed as well.

For students wanting more, **Farmers 2050** is the is the app version of Journey 2050, available to download on your phone or smart device. In addition to planting, cultivating and harvesting crops, players trade goods and market their crops.




Online, interactive ag mags from Minnesota Agriculture in the Classroom. Access the content from Minnesota's AgMag magazine series for kindergarten-6th grade students digitally! Student focused content features interactive activities, students can read through the ag mag and complete content themed activities right on the website.

Kids and Bees has partnered with Minecraft: Education Edition to produce a new world, and a number of lessons, to introduce students to bees' dynamic and fascinating roles in their own hives and in broader ecosystems. Kids and Bees also has a handbook with Ideas and Inspirations for Teaching Kids About Bees; as well as activities for kids and resources for educators.




These Ag Today e-readers are written for 3-5th grade and include lots of graphics and interactive links to bring agriculture to life at home or in the classroom. There are six different issues available to explore.

## Check out our Harvest of the Month Resource Pages

Each page features a different agricultural product with lessons, videos, books, and activities specific to that product.

You can also find these and more under "Teaching Units" on our lesson site.




[Potatoes]




[Root Vegetables]




[Protein]




[Dairy]




[Wild Blueberries]




[Leafy Greens]




[Summer Squash]




[Cucumbers]




[Tomatoes]




[Apples]




[Winter Squash]