



# School Gardens Lesson Planning & Classroom Management

Friday, March 27, 2020  
3:15-4:15 PM

But first,  
a bit of  
housekeeping:



Webinar is being recorded – will be available on the Mass. Farm to School website



We will be sharing resources through the chat feature and again via email after the webinar concludes.



Q&A will be available through the chat & hand raise functions. You can submit questions thru chat at any time throughout the webinar.



Please do not turn on your microphone or video!

# Mass. Farm to School

Helping you make farm to school a reality for every student in Massachusetts

- Tools for Schools & Advocates
- Individualized Tech Assistance
- Professional Learning Opportunities

Visit us online at

[www.massfarmtoschool.org](http://www.massfarmtoschool.org)



# Massachusetts Farm to School Network

The Massachusetts Farm to School Network provides statewide leadership to align, strengthen, and grow the farm to school movement across classrooms, cafeterias, and communities.

Education | Supply Chain | Policy | Comm. & Engagement





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## Introducing the Edu Working Group Co- Chairs!

- Hope Guardenier, *Executive Director for School Sprouts*
- Calin Duke, *Farm to School Manager for Sustainable Nantucket*

# Education Working Group

The purpose of the Education Working Group is to integrate garden, farm, and food-based education statewide through promotion of best practices and support throughout whole school communities.



# Farm to School Basics: A Webinar Series for Garden Educators in Massachusetts

## FEBRUARY

**2.25.20 | 3:15 - 4:15 PM | Webinar**

*School Garden 101 Series: It Starts with a Seed - Selecting & Accessing Seeds for School Gardens*

## MARCH

**3.27.20 | 3:15 - 4:15 PM | Webinar**

*School Gardens 101 Series: School Garden Lesson Planning & Classroom Management*

## APRIL

**4.13.20 | 3:15 - 4:15 PM | Webinar**

*School Gardens 101 Series: Springtime Planning & Preparing for Planting in School Gardens*

## MAY

**5.14.20 | 3:15-4:15 PM | Webinar**

*School Gardens 101 Series: Best Practices for Food Safety in School Gardens*

## JUNE

**6.4.20 | 3:15-4:15 PM | Webinar**

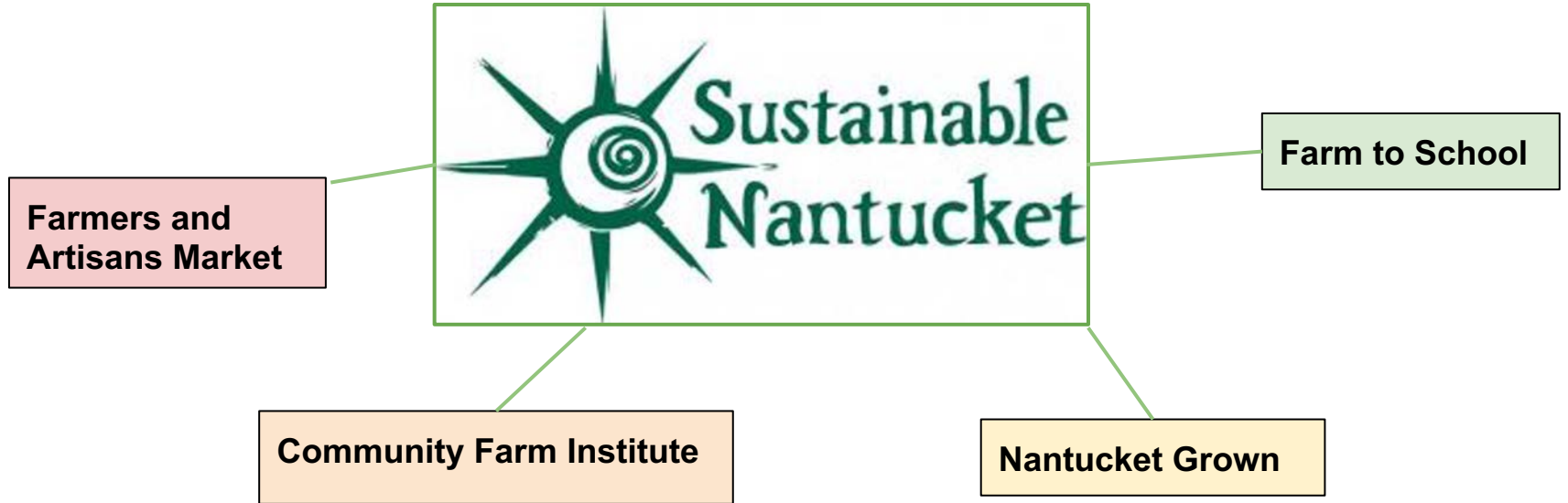
*School Gardens 101 Series: Planning for Summer Care for School Garden Beds*

# **School Garden Lesson Planning & Classroom Management 101**

**Calin Duke, Farm to School Program Manager for  
Sustainable Nantucket**



# Sustainable Nantucket





**Paid Programming**



**Mission-based Programs at The School/ in the Garden**

**Getting Local Produce Into the Cafeteria**



# How can we teach these lessons now?

- [Massachusetts Farm to School Resources](#)
- [LifeLab Videos](#)
- [Massachusetts Farm to School Lessons](#)
- [How Does it Grow? Video Series](#) (From True Food TV via YouTube)
- [Harvest of the Month short videos](#) (From Groundwork Center for Resilient Communities and the Health Department of Northwest Michigan via Vimeo)
- [Gardening at Home with Kids](#) (From HomeAdvisory, garden resource collection for beginners)
- [Sifting through the Soil - Simple Soil Test](#) (Activity with jar, via Fix.com)
- [Dig, Plant, Grow!](#) (From Organic Gardening, Garden-based education curriculum guide, suitable for home or school)
- [¿Hay Verduras? \(Got Vegetables?\)](#) (From Community Groundworks, un plan de educación nutricional basado en el huerto de jóvenes)

# How do we connect academics to the garden?

1. Pick Obvious Connections/ Things That are already being done in class
2. Look online for lessons already done on your topic
3. Develop lessons around teacher time
4. Provide all materials

[DOE STEM STANDARDS](#)

# How do you read a state standard?

5-LS2-1. Develop a model to describe the movement of matter among producers, consumers, decomposers, and the air, water, and soil in the environment to (a) show that plants produce sugars and plant materials, (b) show that animals can eat plants and/or other animals for food, and (c) show that some organisms, including fungi and bacteria, break down dead organisms and recycle some materials back to the air and soil.

Clarification Statement: • Emphasis is on matter moving throughout the ecosystem.

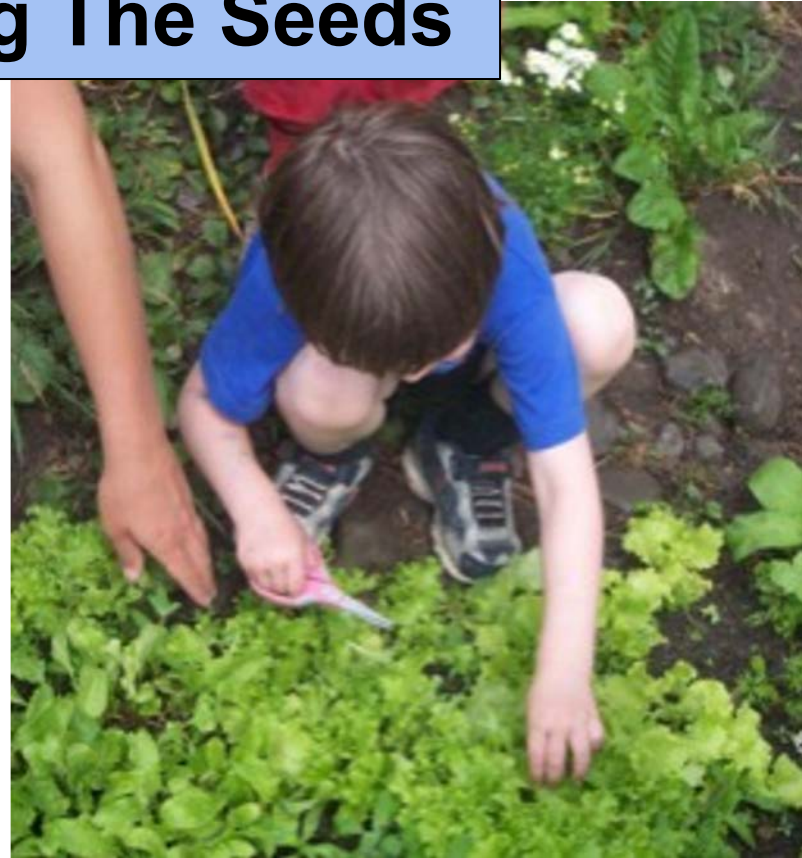
State Assessment Boundary: • Molecular explanations, or distinctions among primary, secondary, and tertiary consumers, are not expected in state assessment.

# Kindergarten Seed to Salad Unit

**K-LS1-1.** Observe and communicate that animals (including humans) and plants need food, water, and air to survive. Animals get food from plants or other animals. Plants make their own food and need light to live and grow.

**K-LS1-2(MA).** Recognize that all plants and animals grow and change over time.

# Session 1: Harvesting The Seeds







# Session 2: Needs of a Plant Yoga



**Tree Pose**



**Mountain Pose**



**Forward Bend**



**Child's Pose**



## Session 3: Harvesting Lettuce



# Basis for Kindergarten Seed to Salad Unit

**K-LS1-1.** Observe and communicate that animals (including humans) and plants need food, water, and air to survive. Animals get food from plants or other animals. Plants make their own food and need light to live and grow.

**K-LS1-2(MA).** Recognize that all plants and animals grow and change over time.

# What are some other curriculum-based garden lessons?

PRE K: Pre-K-LS1-1(MA) Plant Parts, [LS1-3\(MA\) Five Senses](#)

Grade 1: 1-LS1-1 [Plant Parts and Functions](#)

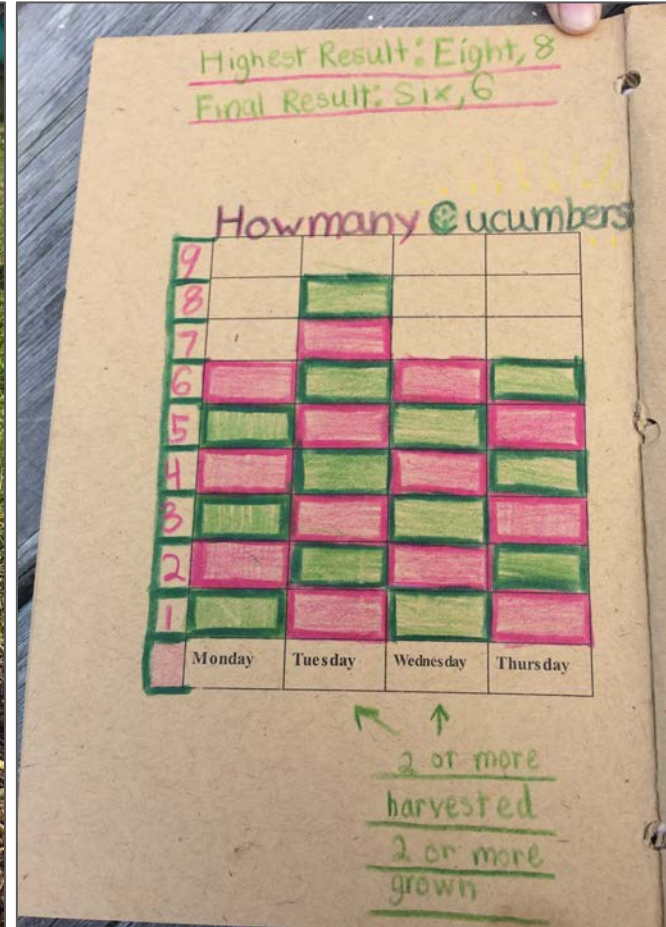
Grade 2: 2-LS2-3(MA) Living Things depend on Each Other for Survival-Seed Dispersal Game

Grade 3: 3-LS1-1 Plant Life Cycles, 3-LS3-1 and -2 Inherited Traits

Grade 4: 4-LS1-1 Plant Structure Aids Survival

Grade [5: 5-LS2-1 and 2 Matter/Decomposers](#)

# Think Outside The Box with Curriculum



# **What does classroom management look like in the garden?**

- 1. Start sitting or standing together as a group.**
- 2. Take a minute.**
- 3. Go over the rules of the garden.**
- 4. Give children an open-ended task when they go into the garden.**
- 5. Allow healthy/safe non-topic exploring.**
- 6. Reconvene and talk about what they found, help bring their observations back to the standard (Ex. decomposition).**
- 7. If you need to discipline, have them leave garden and re-enter.**

# Questions?

Please use chat function or raise  
hand

Contact Calin Duke:

[f2s@sustainablenantucket.org](mailto:f2s@sustainablenantucket.org)

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# Get in Touch:

## Calin Duke

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## MA Farm to School Network

Learn more & sign up to join a  
working group email list – we'll  
email you the link!

## Mass. Farm to School

Visit us at:  
[www.massfarmtoschool.org](http://www.massfarmtoschool.org)

# Next Webinar:

**MONDAY, APRIL 13TH, 2020**

**3:15PM–4:15PM | WEBINAR**

Springtime Planning & Preparing for  
Planting in School Gardens

Presenters: Hope Guardenier (School  
Sprouts) and Calin Duke (Sustainable  
Nantucket)

Learn More & Register at:  
[www.massfarmtoschool.org/2020calendar](http://www.massfarmtoschool.org/2020calendar)