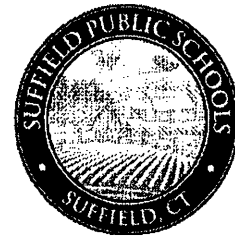


SUFFIELD PUBLIC SCHOOLS

Course Proposal



Course Title: Farm to Fork*

*Would like to have student focus group and create name/logo for class

Course Description: In this introductory course, students will explore where the food they eat comes from and the role of the environment in food production and trends. Students will develop critical thinking skills about our food system and sustainability.

Approximate budget request (to include cost of texts and materials):

Training - exploring with Perkin's Grant

Curriculum - 4 hours

Would replace a budgeted culinary class for food lab cost

*Emailed Ag to see if we can use greenhouse

Tower Garden (plus shipping) = \$575

Seedlings = \$45 (based on 30 seedlings at \$1.50 each)

Tower Tonic mineral blend (plus shipping) = \$60

REQUIRED COMPONENTS:

Rationale

- This course is designed to stimulate critical thinking skills about our food system and sustainability. This course also provides great cross-disciplinary collaboration (science, social studies, Agriscience, and health education).

Educational Program Goals

- Understand and explain our food system
- Evaluate our food system & sustainability
- Recognize and interpret food labeling
- Grow culinary herbs for class with a vertical tower/living wall
- Grow culinary herbs for cafeteria
- Empower students to create action plans to help food system

Target Audience - Grades 9-12

Prerequisites - None

Course Objectives

Johns Hopkins University - Foodspan

- Exploring the Food System

Follow the journey of a food item through the supply chain

Explore relationships among food, health, society, and the environment

- Explain why studying the food system is important
 - Describe how and why agriculture was industrialized, and its impact
 - Describe the pros and cons of organic farming vs. conventional farming
 - Identify the roles of workers at every step in the food supply chain
 - Describe workplace changes food chain workers are advocating for.
- Keeping Our Food Safe
 - Identify sources of food contamination through the food system
 - Explore how public health officials respond to foodborne illness outbreaks
 - Identify opportunities to improve food safety
- Why We Eat What We Eat
 - Explain what a food environment is
 - Identify how changing food environments could promote healthier diets
- Decoding Food Labels/Marketing
 - Explore the common types of food labels and how to interpret them
 - Identify who regulates and verifies the accuracy of food labels
 - Describe how food marketing influences food choices
 - Critically consider if and how food marketing should be regulated
- Seafood Wild & Farmed
 - Design recommendations for more sustainable fishing practices
 - Describe some of the ecological impacts of seafood production
 - Analyze the health benefits and risks of eating different types of seafood
- Our Changing Climate
 - Explain the science of climate change
 - Analyze how climate change affects agriculture
 - Propose interventions to reduce the food system's contributions to climate change
- Our Food's Journey
 - Explain why and how food is transported long distances
 - Critically analyze the advantages and disadvantages of different scales of food distribution
- Our Wasted Food
 - Explain why food waste is a problem.
 - Describe what happens to food waste.
 - Identify strategies to reduce food waste.
- The Hunger Gap
 - Define hunger and food insecurity and explain how they are different
 - Analyze interventions for reducing hunger and food insecurity
- Food Action in Policy/Food Policy in Action
 - Explain how policy influences the food system and provide examples
 - Analyze the power of engaged citizens to change the food system through policy.

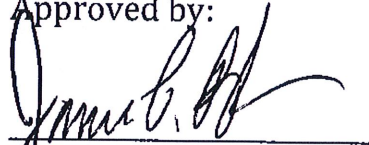
Evaluation of Student Success

Food Citizen Action Project - Culmination Project

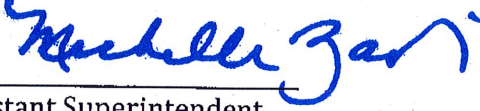
- How can policy address food system problems?
- How can individuals and communities influence food policy?

Teacher created lab activities, projects, rubrics and assessments

Approved by:



Principal



Assistant Superintendent

Superintendent

Sub-Committee Chairperson

BoE Chairperson

Handwritten signature or scribble.