

**Erin Dukeshire**

**Orchard Gardens K-8  
Pilot School  
6th grade**

**Garden lesson:**

***The Science Fair***

**citysprouts**



# Preparation for Science Fair



# Preparation for Science Fair

- Topic: Photosynthesis
- Used skills and knowledge learned and practiced in class
- Small groups
- Garden Coordinator
  - Divided tasks
  - Made calendar
  - Determined materials

## Garden Materials

- Soil
- Fertilizer
- Variety of seeds
- Assorted materials for hoops houses, etc
- Science tools (thermometers, digital calipers)

# Design & Data



## Design & Data

- Student groups set up experiments in garden or inside with garden materials.
- Garden coordinator took small groups of students out to garden for data collection as needed

# Design & Data



## Design & Data

**Students collected data to test their hypotheses, and used the data to answer their experimental questions with a claim, evidence, and reasoning.**

# Outcomes

## □ Students Outcomes:

- Excited to work in the garden.
- Independence with data collection
- Sufficient data

## □ Recommendations:

- Set up calendars and plan for frequent communication during long-term collaboration
- Ask! City Sprouts was willing and able to support in many ways.
- Include the garden for appropriate projects, and for appropriate student groups



A portrait of Christine Burke, a woman with short dark hair, smiling. She is wearing a black top under a white cardigan and a necklace with a large silver pendant. The background is a plain, light-colored wall.

**Christine Burke**

**5th-grade teacher  
Kennedy-Longfellow  
School**

Garden Lesson:

***Technology  
in the Garden***

citysprouts