

Erin Dukeshire

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

Garden lesson:

The Science Fair

citysprouts



Preparation for Science Fair



Preparation for Science Fair

The background of the slide is a faded photograph of a science fair. Several students are visible, looking at various project displays. One display in the background has the word 'CREATION' written on it. The overall scene is a busy, educational environment.

- 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