



# Christine Fetter

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Garden Lesson:

***Measuring Growth  
over Time***

## Learning Goal

**Students will collect data, represent it on a graph, and notice “change over time.”**

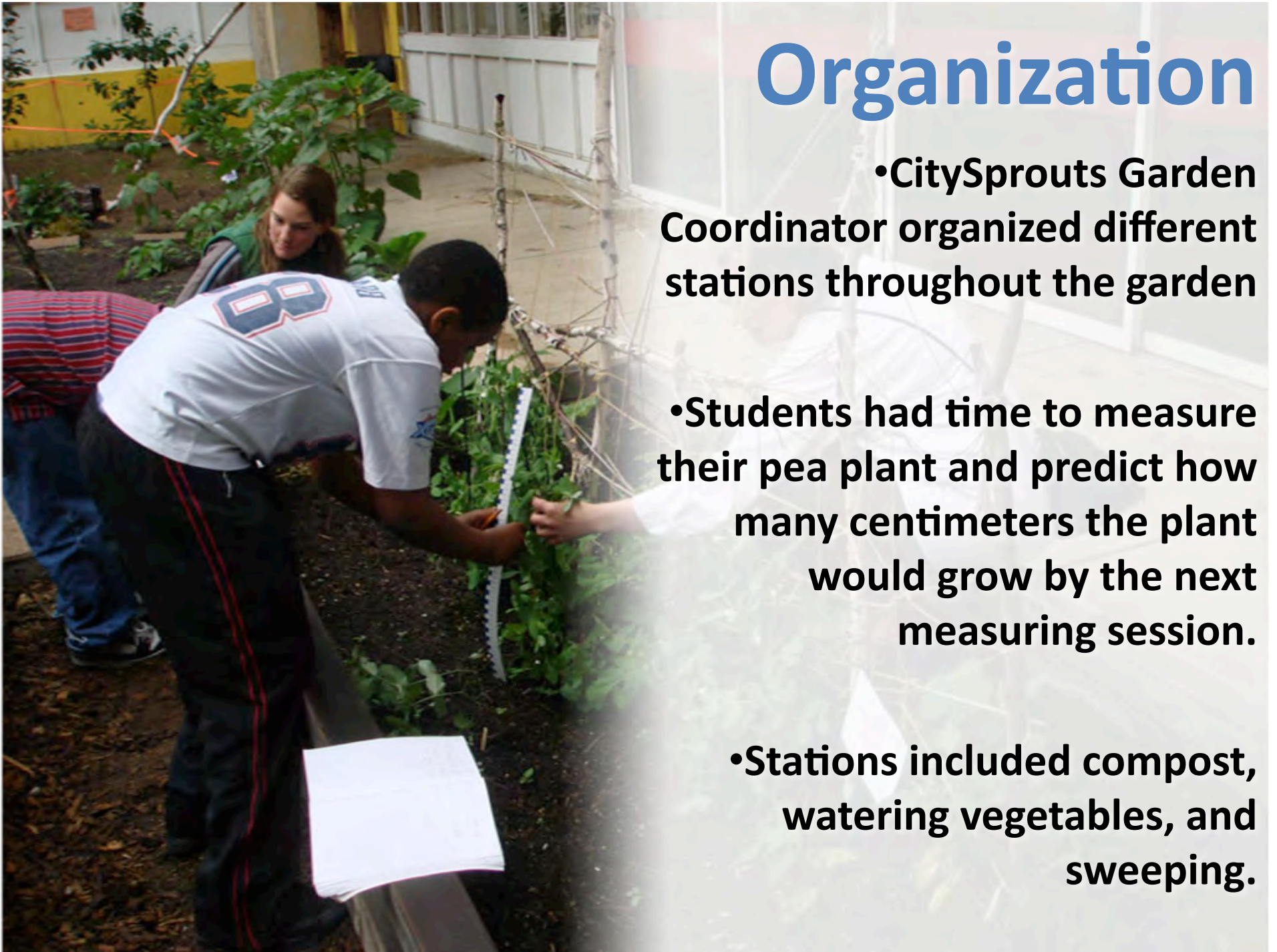


# Organization

- CitySprouts Garden Coordinator organized different stations throughout the garden

- Students had time to measure their pea plant and predict how many centimeters the plant would grow by the next measuring session.

- Stations included compost, watering vegetables, and sweeping.



# Materials

- Pea plants
- Popsicle sticks for labels
- Trellis for the peas
- Meter sticks



# Activities

- Students planted peas, measured their growth and plotted the information on a line graph.
- First measurement was 2 weeks after planting the peas.
- The students measured their plants every Monday for 10 weeks.



# Outcomes

- **The students were excited to plant a seed and see it evolve into something they were able to eat. For some students it was the first time they had tasted a pea and the first time tasting a fresh garden vegetable.**
- **They were fascinated by how tall the pea plants grew.**
- **They were able to see changes over time.**
- **Growing plants indoors is possible but the real world environment is outdoors.**