

## Seeds and Sprouts

Fridays, 9:00 -10:30

Instructors: Laura Erlig, Deneen Cienfuegos

**Seeds and Sprouts:** Students will be involved in what it means to have a plot in a community garden. Weekly reading will happen at the garden from a book called [Seedfolks](#). Weekly gardening responsibilities will be integrated with a research topic of the week, scavenger hunts in the garden regarding different types of plants, guest speakers, art and craft activities related to gardening. Research topics this session include: soil, compost, microclimates, annual vs. perennial plants, seeds, vermicompost, and water.

**Materials required:** Spiral Notebook, 2 pencils, color pencils, glue sticks, sharpie

**Lab fee \$10**

Lab fee for Seedfolks books - each student receives their own: [Amazon \\$5](#)

Cost for a plant to be grown at home that they tend to: [Herb grown at home \\$5 per student](#).

**Lesson 1: Introduction to Garden:** Identify the herbs at herb garden. Reading: Chapter 1 & 2. Hands on gardening: planting herbs to deter bugs and personal herbs to take home. Herb research using Id sheet and write out specifications for herb going home. Activity: Walk around the garden and identify resources and examples of gardens. Closing: What did you learn?

**Lesson 2:** Soil/Compost: Mystery Table: [Identify Soil types](#), [Soil Samples](#). Identification sheet with pictures, name, and blurb. Reading: Chapter 3 & 4. Hands on gardening: [Compost - Homemade fertilizer](#). Research Topic: Soil Testing and amending based on [plant type](#). Activity: [Paint Rocks](#). Closing: What did you learn?

**Lesson 3:** Microclimates: Mystery Table: Plants that need sun and plants that need shade and plants that need partial shade. Identification sheet with pictures, name, and blurb Reading: Chapter 5 & 6. Hands on gardening: Plant plants for fall garden and seeds Research Topic: Plant zones and food forest (online Gardenate website) - form for kids to fill out for homework edmodo (Questions identifying plant). Activity: Scavenger hunt/ coloring pages. Closing: What did you learn?

**Lesson 4:** Vermicompost: Mystery Table: Cards to match with types of compost. Identification sheet with pictures, name, and blurb. Reading: Chapters 7 & 8. Hands on gardening: Plant seeds in Vermacompost vs Agromen compost (seeds with containers for each type of compost). Research Topic: Worms inside and out. Activity: Taking out the worms and finding the eggs and remaking the worm bed. Closing: What did you learn?

**Lesson 5:** Annual vs perennial: Mystery Table: Plants grouped by cards. Identification sheet with pictures, name, and blurb. Reading: Chapter 9 and Chapter 10 at home. Hands on gardening: Planting, mulch, watering - maintaining the garden. Research Topic: Garden Plant chart with use of Gardenate label. Activity: Popsicle sticks with name of annual vs perennial. Closing: What did you learn?

**Lesson 6:** Seeds: Mystery Table: cuttings, bulbs, potato, and seeds - which plant repopulates. Identification sheet with pictures, name, and blurb. Reading: Chapter 11 and read home 12. Hands on gardening: Plant Log, Research Topic: Dissecting seeds - parts of seeds labeled. Activity: cut flowers from flower garden and herb garden and gather seeds. Closing: What did you learn?

**Lesson 7:** SeedFolk Test and Gardening Assessment; Plant Log/Compost Log/Herb Log/Mulch and garden chores.

Rubric:

- 20% Ontime attendance and Prepared with supplies
- 40% Participation and Oral Assessments
- 40% Written Assessments and Maintaining Garden Journal