

Seeds and Sprouts

Session 1- Types of Gardens - 2A

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Seeds and Sprouts: Students will be exposed to a variety of gardens and what it means to maintain them. From a plot in a community garden to the various types of gardens around the One Spark campus. These include dry gardens, hydroponic gardens, herbs and food, flower gardens and indoor gardens.

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 may include: Why are there so many types of gardens in one place? Discover the various garden types and their particular needs, including water, soil type, sun and fertilization.

What steps are required for the different types of gardens?

Fertilizing (When is a good time? How do you know you need to fertilize?),

Composting (Harvest worm castings, make compost tea, utilize regular compost),

Soil care (PH level-What do amendments do? Has the soil changed?),

Pruning (What is it? Why do it? When?),

Diversity and Microclimates provide shade and/or moisture for plants that require one or the other or both. (Water reading - happy biodiversity - what's that?), Microgreens/ sprouting seeds (How does this help us?), Pest and disease control (New friends and foe)

Materials required: Spiral Notebook, 2 pencils, color pencils, glue sticks, sharpie, tape, manual sharpener

Lab fee \$10

Lesson 1: Field Trip around OSA's Gardens (meet at the Community Garden)

Lesson 2: Indoor Garden / Plants

Lesson 3: Hydroponic

Lesson 4: Succulent Garden (include Dragonfruit)

Lesson 5: Flower Garden (Pollinator, Native, Pretty)

Lesson 6: Food Garden (from herb to trees)

Lesson 7: Gardens of the World