

UC Marin Master Gardeners

Dig it, Grow it, Eat it

Station Four: Plant Propagation Program

Location: The Habitat Garden/Butterfly Cottage

Set up six tables with one planting box, dirt, plant label, sharpie, ruler, spray bottle and child scissors. Assign one seed type to each group – Herbs and greens that can be harvested to eat as microgreens (sunflower, lettuce, beets, watercress, radish, broccoli)

Tell the students they will be making observations on seed size, sprout size and conducting an experiment to learn if seed size is related to plant size. Have each table plant their seed box following instructions on seed depth and spacing. To teach this lesson, follow curriculum about “Room to Grow”; students record seed type, length, and date planted on seed label.

Then, have students come to a table that displays boxes of same microgreens they just planted that is ready to harvest. Show students how to harvest and after wiping their hands with sanitary wipes, permit them to clip and harvest for taste each of greens. With the last few minutes at this station, permit students to rank order of seed size, size of seedling and taste preference. Put these results on a board.

Each group takes six boxes of planted seeds back to classroom for further observation. Have paper bag for teacher to bring boxes back to school.