

## INTEGRATING THE GARDEN INTO YOUR CURRICULUM

### Math



For younger students, use the garden for counting, sorting, comparing, and charting.

- Sprout an avocado seed or sweet potato in water. Then measure and chart the root and top growth.
- Count the number of seeds planted and the number that sprout. Subtract the number that are thinned or die.
- Use the garden to teach beginning measurement.
- Sell produce in a classroom farmer's market to teach money concepts and the use of currency.

For older students:

- Record measurements in the garden using the metric system.
- Chart daily soil and air temperature, then graph, and compute averages.
- Graph and compute average rainfall levels using a rain gauge.
- Make a sundial.
- Measure the length and change in direction of shadows over the course of a day; compare with measurements taken in different seasons.
- Create lessons for division, area, perimeter, fractions, and percentages using the garden.
- Teach economics and business concepts by selling produce or flowers from the garden.
- Teach scale drawing for garden designs.