

## Objective

By the end of this lesson, you will be able to understand how gardening relates to Art, English, History, Math, Physical Education, and Science.

## Materials and Prep

Materials:

- Seeds or plants for planting
- Gardening tools (shovel, gloves, watering can)
- Sketchbook and pencils
- Internet access for research

Prep:

- Find a suitable outdoor space for gardening
- Set up a designated area for sketching and note-taking

## Activities

1. Art: Sketch a plant or flower from your garden. Pay attention to details and shading.
2. English: Write a short story about a magical garden. Include descriptions of the plants and creatures that inhabit it.
3. History: Research the history of famous gardens around the world. Create a timeline of significant events.
4. Math: Measure the growth of your plants weekly. Create a chart or graph to track their progress.
5. Physical Education: Incorporate gardening tasks into your workout routine. Digging, planting, and watering can be great exercises!
6. Science: Study the life cycle of a plant. Document each stage of growth in your garden.

## Talking Points

- Plants need sunlight to make food. Remember, they are like little solar panels!
- Watering your plants is crucial for their survival. Just like we need water, plants need it too to grow.
- Different plants have different needs. Some like more sun, some like more shade. It's like each plant has its own personality!
- When you sketch a plant, pay attention to the shapes and patterns. Nature is the best artist!
- History shows us that gardens have been an important part of human culture for centuries. They can tell us a lot about the people who created them.
- Math is everywhere, even in gardening! Measuring the growth of your plants can help you practice your math skills in a fun way.
- Physical activity is not just about sports. Gardening is a great way to stay active and healthy

while enjoying nature.

- Science helps us understand how plants grow and thrive. By observing your garden, you are becoming a little scientist!