

GARDENING LESSON PLAN
Calleshia Giliam

Date: February 21, 2020

Grade: 1st - 6th

Subject: Gardening Introduction

Topics: Plants, soil type, planting seeds, and plant care

Lesson Duration: 4 hours (1 hour per topic)

Attainment Target:

Using a tactile approach to learning, students will be able to apply creativity and problem-solving skills to gardening.

Science Standards:

Understand the importance of all living things, link their interdependence and interaction with the environment, and outline how lifestyles determine health and wellbeing.

Mathematics Standards:

Use the correct units of measurement and estimates to compare and carry out tasks with accurate results.

Technology Standards: Students will have increased exposure to computers by using school computers to access and complete initial and post surveys about subject matter from Google Forms.

Resource Materials: *You may select videos that align with the topic of choice.*

Worksheet titles from Pinterest or any edu source:

- 1) How to plant seeds
- 2) What is a plant
- 3) Parts of a plant
- 4) Plant vocabulary
- 5) Survey link:

<https://docs.google.com/forms/d/1rJFt2OmhpofJkis3pqZ0JhVLcflUt843imA3A4cYDc/edit?usp=sharing>

General Objective:

To help students gain knowledge about gardening, the different types of plants and soil, their functions, and how they are useful to the environment.

Learning Objectives:

Students will:

- a) Journal about the different types of plants.
- b) Discuss the function of each part.
- c) Demonstrate the correct procedure for planting seeds.
- d) Discuss factors to consider when caring for plants.
- e) Label parts of the plant.
- f) Construct a school garden.
- g) Create a plant poster or collage.

Content Outline:

1. Discuss things you can plant.
2. Gardening and the environment.
3. The correct procedure for safety in the garden.
4. Things to do before planting a garden.
5. How to prepare the soil for gardening.
6. Types of seeds.
7. Where do seeds come from?

Classroom Safety:

Safely use tools and equipment and assume responsibility for their safety and safety of others when completing posters, working in the garden, and caring for plants. Demonstrate courtesy to ideas expressed by classmates and show appreciation for the efforts of others. Demonstrate the appropriate safety procedures for disposing of plant clipping, food scraps, and other materials used.

Activity Highlights:

Tap into what students know or think about the topic with a survey or quiz.

Engage students with a video on plants, soil type, planting seeds, or plant care to create interest.

Raises questions, encourages responses, and gives each student a chance to participate.

Exploration:

Students will prepare seedbeds and plant a garden with vegetables of choice. Students will interact with soil and all organic matter found in the soil.

Evaluation: Google form quizzes, discussions, individual projects, and Flipgrid uploads.

Enrichment:

Students will post videos in response to lessons on Flipgrid.

Students will display their art or home garden for others to see.

Students will share their journal entries on planting procedures and/or topics listed above.

