

Ideas with

IMPACT

SOCIAL SCIENCES

Once Upon a Fairy Garden

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Once Upon a Fairy Garden



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GOALS AND OBJECTIVES

- Students will learn how to gather gardening materials to create a miniature garden.
- Students will learn about the following community helpers: landscaper, florist, gardener and engineer.
- Students will put together a theme for a fairy garden.
- Students will select their plants, floral, and other accessories to create enchanted little spaces.
- Students learn about perimeter and area as they draw and build their fairy gardens using a variety of real-world materials and natural resources.

COURSE OUTLINE AND OVERVIEW

Explore an OASIS of Sensory in a fairy tale of imagination, gardening, storytelling, and Eco-Friendly learning adventure.

Fairy Gardens is a project that wakes up the imagination to design eco-happy spaces. In this hands-on activity, students will use sensory to create miniature enchanting gardens including live plants, flowers, and a little home that would bring fun and adventure. Each fairy garden will tell its own captivating story behind each fairy taking up residence in their garden. Students will become gardeners as they create a welcoming place for their fairies in "Once Upon a Time" fairy gardens.

Leave ready to provide more than just making fairy gardens, but inspiring students to take care of our EARTH.



This project includes hands-on learning which gives students opportunities to create miniature fairy gardens using nature and their imaginations. They will learn about plant care, designing concepts, storytelling and different types of gardens around the world.

First, students will gather and collect materials based on their preferences for each garden. Students will learn how to develop themes from a genre of stories. During the design process sketches of the fairy garden will go on paper. Then they will place where the plants and decorations will go, prior to planting. Finally, they will plant and decorate their gardens using their imagination to create whimsical fairy gardens.

FLORIDA STANDARDS

SC.2.L.16.1 Observe and describe major stages in the life cycles of plants and animals, including beans and butterflies.

SC.2.L.17.2 Recognize and explain that living things are found all over Earth. But each is only able to live in habitats that meet its basic needs.

MA.2.GR.2.1 Explore perimeter as an attribute of a figure by placing unit segments along the boundary without gaps or overlapping. Find perimeters of rectangles by counting unit segments. Instruction includes real-world objects, such as picture frames or desktops.

MA.3.GR.2.3 Solve mathematical and real-world problems involving the perimeter and area of rectangles with whole-number side lengths using a visual model and a formula.

VA.2.O.1.1 Employ structural elements of art and organizational principles of design in personal work to develop awareness of the creative process.

ONCE UPON a FAIRY GARDEN

(LESSON PLANS)

Content Area: Social Studies, Math, Science

Grade Level: Various Grades

Topic: Fairy Gardens

Allocated Time: 3 Days

Date: _____

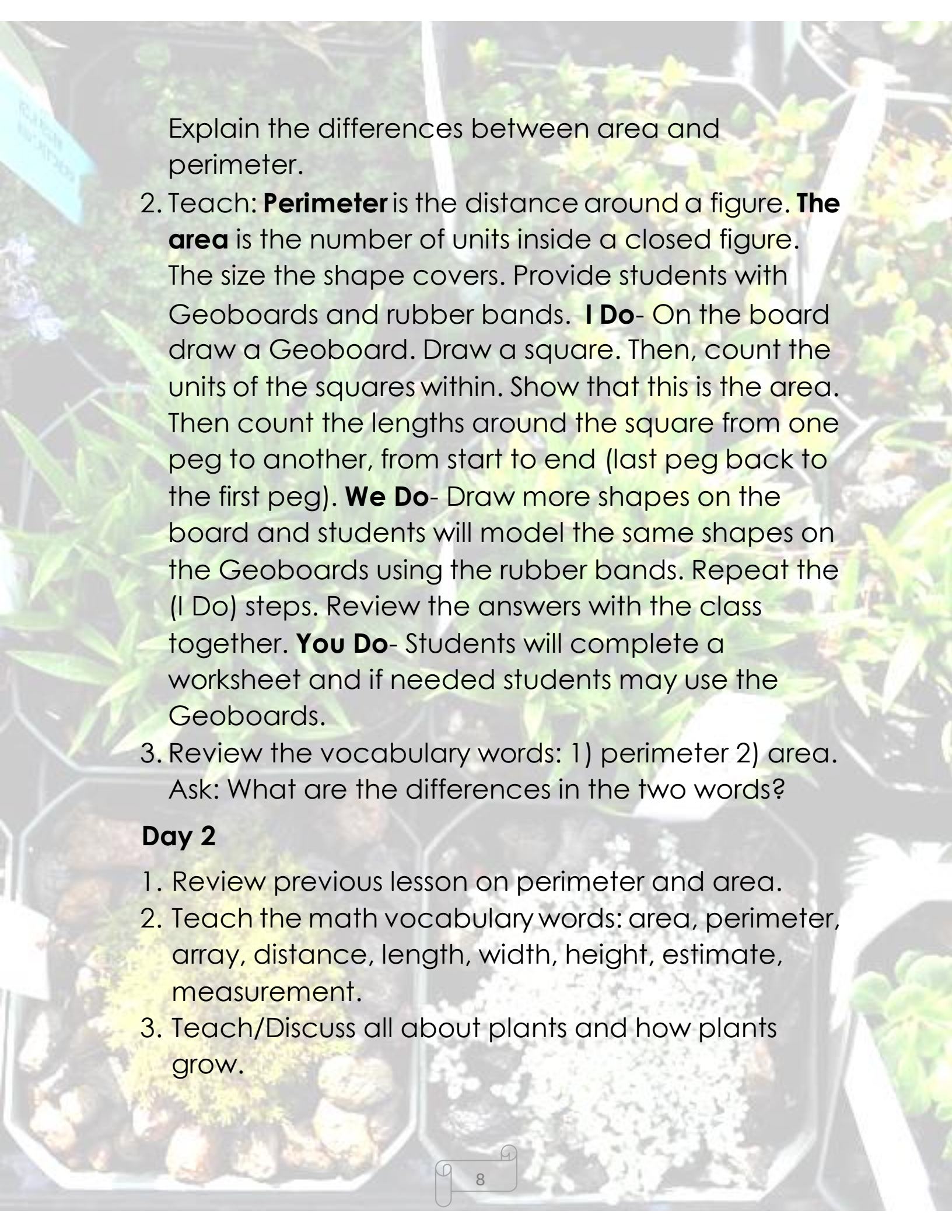
Setting: Whole Group

I. **Vocabulary:** florist, gardener, root, stem, sprout, bud, leaf, bloom, transplant, flower, plant, weed, blossom engineer, sun, area, perimeter, array, distance, length, width, height, estimate, measurement

II. **Instructional Procedures:**

Day 1

1. Introduce lesson- SPARK excitement by displaying a variety of small plants, gardening tools, watering can, soil, compost, pots, pebbles, rocks, marbles, moss, small toys, pencils, crayons, graphing paper (such as Legos, McDonalds toys, miniature fairy garden figurines, etc.) Then ask the following questions: What do you think we will be learning about? What do all the items have in common? After students have been given a chance to answer, start a lesson on area and perimeter.

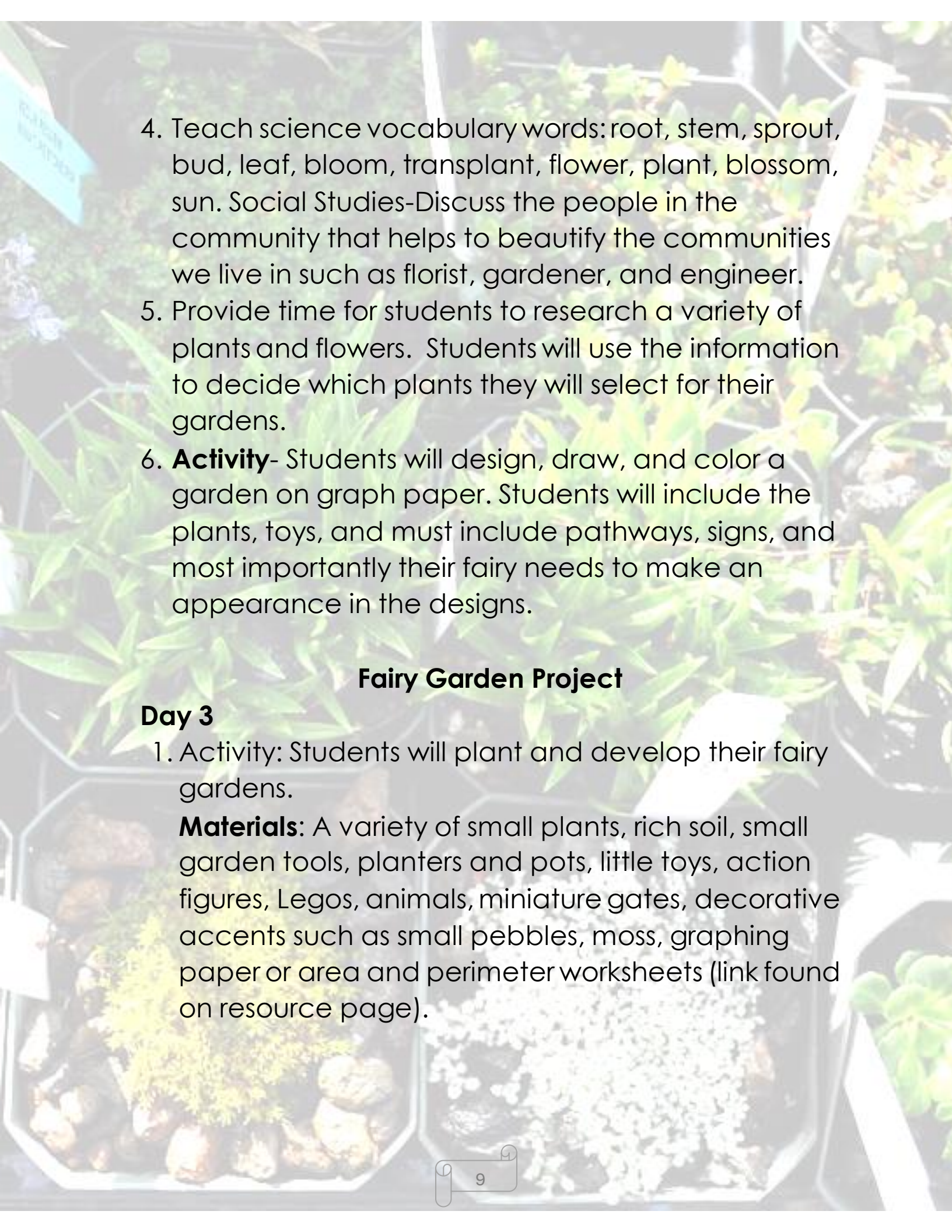


Explain the differences between area and perimeter.

2. Teach: **Perimeter** is the distance around a figure. **The area** is the number of units inside a closed figure. The size the shape covers. Provide students with Geoboards and rubber bands. **I Do-** On the board draw a Geoboard. Draw a square. Then, count the units of the squares within. Show that this is the area. Then count the lengths around the square from one peg to another, from start to end (last peg back to the first peg). **We Do-** Draw more shapes on the board and students will model the same shapes on the Geoboards using the rubber bands. Repeat the (I Do) steps. Review the answers with the class together. **You Do-** Students will complete a worksheet and if needed students may use the Geoboards.
3. Review the vocabulary words: 1) perimeter 2) area. Ask: What are the differences in the two words?

Day 2

1. Review previous lesson on perimeter and area.
2. Teach the math vocabulary words: area, perimeter, array, distance, length, width, height, estimate, measurement.
3. Teach/Discuss all about plants and how plants grow.

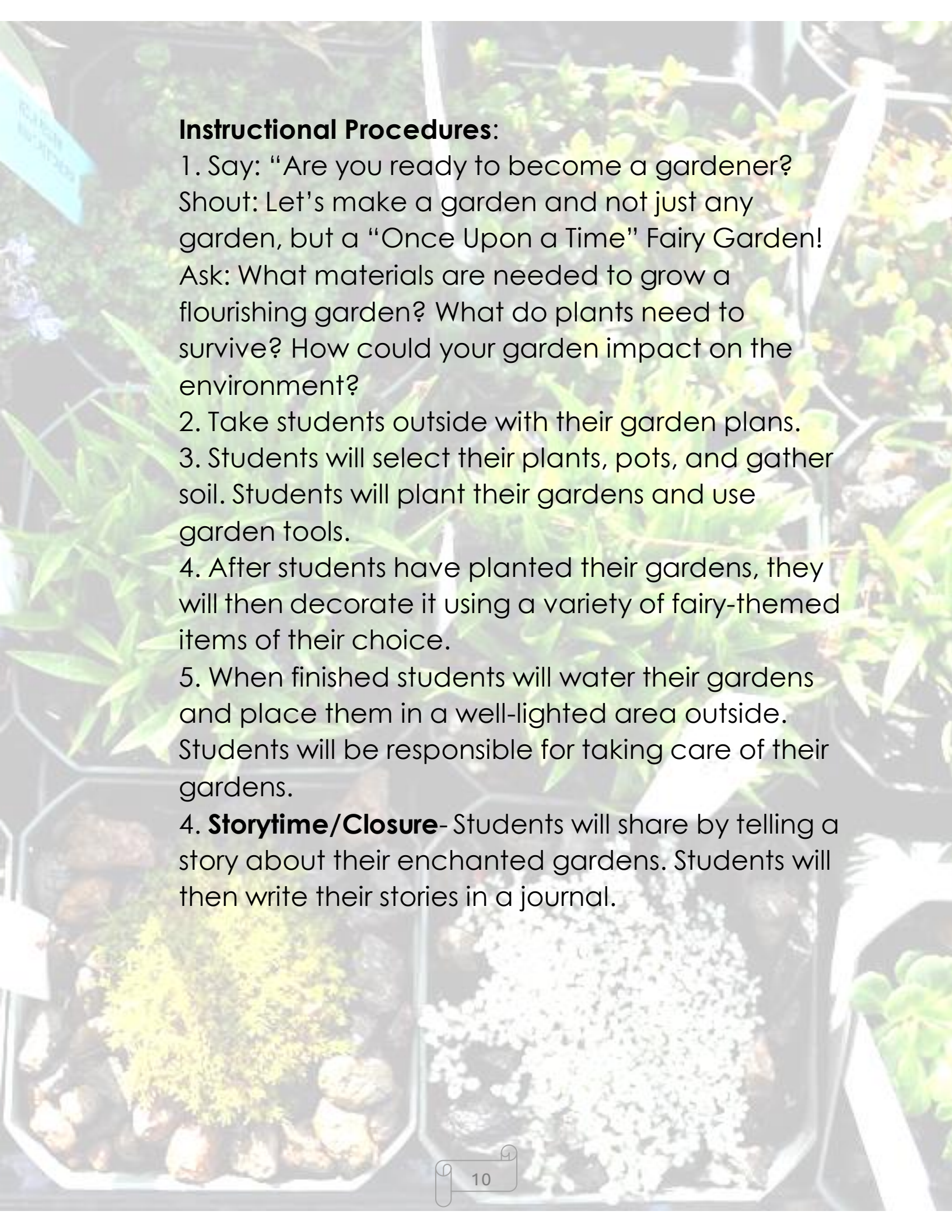
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4. Teach science vocabulary words: root, stem, sprout, bud, leaf, bloom, transplant, flower, plant, blossom, sun. Social Studies-Discuss the people in the community that helps to beautify the communities we live in such as florist, gardener, and engineer.
 5. Provide time for students to research a variety of plants and flowers. Students will use the information to decide which plants they will select for their gardens.
 6. **Activity-** Students will design, draw, and color a garden on graph paper. Students will include the plants, toys, and must include pathways, signs, and most importantly their fairy needs to make an appearance in the designs.

Fairy Garden Project

Day 3

1. Activity: Students will plant and develop their fairy gardens.

Materials: A variety of small plants, rich soil, small garden tools, planters and pots, little toys, action figures, Legos, animals, miniature gates, decorative accents such as small pebbles, moss, graphing paper or area and perimeter worksheets (link found on resource page).



Instructional Procedures:

1. Say: "Are you ready to become a gardener? Shout: Let's make a garden and not just any garden, but a "Once Upon a Time" Fairy Garden! Ask: What materials are needed to grow a flourishing garden? What do plants need to survive? How could your garden impact on the environment?

2. Take students outside with their garden plans.

3. Students will select their plants, pots, and gather soil. Students will plant their gardens and use garden tools.

4. After students have planted their gardens, they will then decorate it using a variety of fairy-themed items of their choice.

5. When finished students will water their gardens and place them in a well-lighted area outside. Students will be responsible for taking care of their gardens.

4. **Storytime/Closure**- Students will share by telling a story about their enchanted gardens. Students will then write their stories in a journal.

RESOURCES

- 1) Fairy Garden for Kids (5:17 minutes)

<https://www.youtube.com/watch?v=1lwqxDFHGIM>

- 2) Area and Perimeter Planning

<https://www.3dinosaurs.com/printables/math/geomtry-areaperimeterchart.php>

- 3) Third Grade Gardeners (Math Worksheets)

<https://www.tlsbooks.com/pdf/garden-3-tspub.pdf>

- 4) Garden Area & Perimeter Math Cards

<https://www.tlsbooks.com/pdf/garden-3-tspub.pdf>

- 5) Free Printable Fairy Garden- Girl Fairy Theme

<https://merimerihome.com/downloads/US-Printable-Fairy-Garden.pdf>

MATERIALS

- A variety of small plants
- Rich soil
- Small garden tools
- Planters and pots
- Little toys, action figures, Legos, animals, miniature gates
- Decorative accents such as small pebbles, moss
- Area and perimeter worksheets
- Journals
- Pencils
- Crayons
- Popsicle sticks
- Miniature plastic garden signs

PICTURES

