



*Friendship Garden
Patch Program*



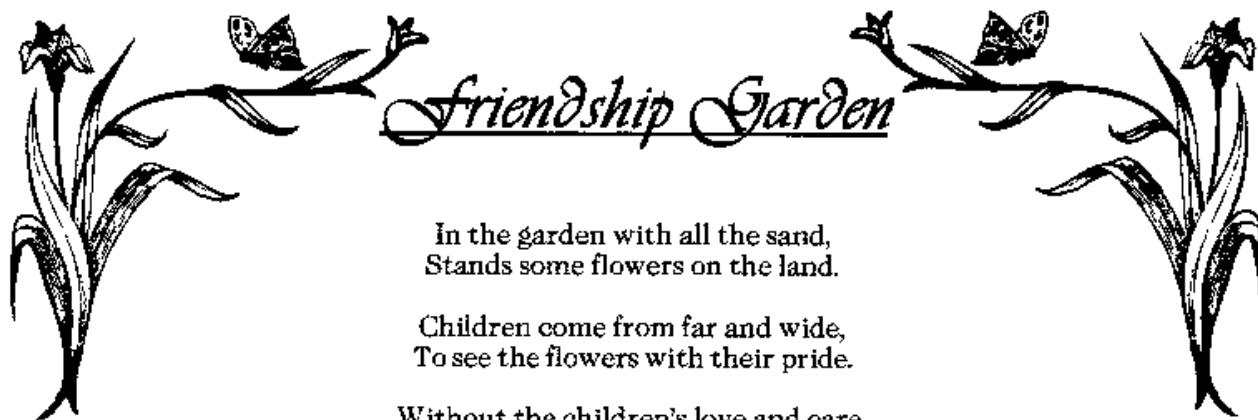
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In 1991, the Delaware-Raritan Girl Scout Council and Bristol-Myers Squibb began an environmental partnership through a program entitled New Leaf. Through this initiative, hundreds of full-sized trees have been planted and thousands of Girl Scouts have gained an in-depth understanding of trees and the significant role they play in the future of our lives. Girls who participated in this program earned an achievement patch after they completed several requirements in the program. The link with Bristol Myers Squibb has been a critical and important one for the council and the local communities we serve. The Friendship Garden is a "branch" of the New Leaf program and continues the five-year tradition that Girl Scouts and Bristol-Myers Squibb have established of teaching girls the delicate balance of nature, encouraging stewardship and community service. We relish this partnership and we're proud to offer environmental programs of Delaware-Raritan Girl Scout Council Members.

This patch program was developed by Denise Mc Gloan, Cadette Troop 1386 of the Sayreville Service Unit for her Girl Scout Silver Award Project

Logo Design: Linda Latino, Bristol-Meyers Squibb Company



In the garden with all the sand,
Stands some flowers on the land.

Children come from far and wide,
To see the flowers with their pride.

Without the children's love and care,
The Friendship Garden would not be here.

By Denise Mc Gloan – 1995

PURPOSE

To learn and identify different flower & trees and shrubs, utilizing hands on activities, and your local library for researching information on these different plants. You will gain an opportunity to understand more about the world around you. The patch program will culminate in a visit to the Friendship Garden at the Service Center where you will see all that you have learned.

REQUIREMENTS:

- Brownie Girl Scouts do four (4) of the activities, including the two starred items.
 - Junior, Cadette and Senior Girl Source do six (6) of the activities, including the two (2) starred items.
1. Visit a local Senior Citizen Home or a Group Home for children with disabilities & with guidance and permission from the home; choose a project from which the people will benefit from. It could be planting a small vegetable garden, a flowerbed, or a window box. Try to get the residents involved in the activity. You will be making new friends while doing a meaningful task.
 2. Visit a local florist, nursery or greenhouse. Try to get an idea how this type of business is run. What type of education is needed to operate that business? Where do the flowers or plants come from? Do they grow on their own? Are any plants imported from foreign countries?
 3. Using your local library, research what types of herbs, plants, or flowers are used for medicine, in cooking, teas, or baking.

OR

Bring in an herb specialist to Visit Your troop/group meeting and talk with the girls about herbs and plants found in common food items and used for medicinal purposes

4. Every State has a State Flower and Tree. What is the State Flower of New Jersey? Where is it most commonly found? **HOW** many colors does it come in? What is the State Tree of New Jersey? Where is it found? **How** tall is it? **How** long does it live? Draw a picture of New Jersey's flower or tree.
5. Find a small plastic flowerpot with a hole in the bottom for drainage, (a two (2) liter soda bottle will also do and helps with recycling. Just cut **off the top!**). Put some fresh potting soil in the container and plant different seeds: orange, lemon, apple and/or grapefruit. Take them home and care for them for four (4) to six (6) weeks, bringing them back to your meeting after that time to compare what has or has not grown. Why?
6. Find a local community building in need of beautification. Ask if they would like a small garden planted on their site. If so, design a proposed garden and obtain their permission and approval before planting. Make a plaque with your troop number on it for example Milltown Girl Scout Troop #287, and place it near the garden.
7. Every month of the year has a flower that represents it. Find the flower for each of the twelve months of the year Put all the names of the months and corresponding flowers in a hat and have the girls randomly select a month, Each girl will then design a poster illustrating the flower of that month. Be creative!
8. *Select three (3) types of flowers found in the Friendship Garden, see list at the end. Is it an annual, biennial, or perennial? What do these terms mean? Does it have a scientific name? Have each girl select one of her flowers and plant some seeds of that flower. (Each girl will be responsible for writing a little information/ instruction card about her planted flower and the care it requires.) At an agreed upon time, have the girls bring their flower and card to the meeting. Each girl will then swap with another, receiving a new flower and learning about it from the card.
9. Form a "Sunshine Club". Design and make a greeting card using a wild flower that is in the Friendship Garden. Choose a person or Persons outside me troop/group, that could use a ray of "sunshine" in their lives. It could be a teacher, principal, mayor, police officer or your Girl Scout leader. The card could be a "Thank You, "Get Well" "Happy Birthday", or "Thinking Of You". If you get a reply, share it with the troop/group. This project can be followed for several months or as long as you wish.
10. Locate and visit a community flower garden in your neighborhood. Identify three (3) to five (5) different types of flowers. Have the girls bring in different magazines or flower pictures, Make a collage, using pictures of the flowers they saw in the garden.
11. Name three (3) ways in which plants are important to animals. Name three (3) ways animals are important to plants, Explain the term "Food Chain". Give an example.
12. Take a look at the control of insects and / or tree / flower disease. What action are government or environmental agencies taking to control these problems? Evaluate whether these actions are helpful. If not what are suggestions you might have?
13. *In advance schedule a visit to the Friendship Garden at the Service Center. You might want to bring a picnic or plan a ceremony or have your troop/group meeting there.

FLOWERS IN THE FRIENDSHIP GARDEN

Begonia (Begoniaceae) known as elephant ears
Black-eyed Susan (thunbergia alata) (Rudbeckia hirta)
Coral Bells (heuchera sanguinea) sometimes called alum root
Cashion Mums (Chrysanthemum Hybrids) perennial
Daisies (daegas eage)
Delphinium (Delphinium) known as Larkspur, perennial
Gaillardia (Gaillardia arisata) sometimes called blanketflower, perennial
Hardy Primrose (Primula) known as Bird's-eye Primrose
Hollyhock (alcea rosea)
Lupine (Lupinus)
Mixed Daylilies (Hemerocallis sp.) perennial
Orange Glories (Ipomoea)
Painted Daisy (chrysanthemum coccineum)
Peony (Paeonia) perennial
Purple Cone Flower (Purpurea) (Echinacea)
Red Monarda (monarda didyma) called bee balm
Santolina (santolina chamaecyparissus) also know as lavender cotton, perennial
Shasta Daisy (chrysanthemum x superbum) perennial
Siberian Iris
Stella D'oro Daylily
Tigerlily (Lilium tigrinum)
Woolly Speedwell (Veronica) from figwort family
Plus many Wild Flower Varieties

According to Funk and Wagnalls Standard Dictionary

ANNUAL - Botany - A plant living for a single year or season.

BIENNIAL - Botany - A plant that produces flowers or fruit in the second year, then dies.

PERENNIAL - Botany, - Lasting more than two years. A plant that grows for three or more years, usually blossoming and fruitifying annually.