



## Garden/Plants and Flower Unit

- Life Processes:1** The student will investigate and understand basic needs and life processes of plants and animals
- k.6 \*Living things change as they grow and need, food, water and air to grow  
\*Plants and animals live and die (go through a life cycle)  
\* Offspring of plants and animals are similar but not identical to their parents and to one another
- 1.4. \* **Plants:**  
**Needs:** food, air, light, a place to grow  
**Parts:** seeds , roots, stems, leaves, blossom, fruit &  
**Characteristics:**  
-edible/non-edible,  
-flowering/non-flowering  
-evergreen/deciduous

### Concepts to be taught:

1. A flower is a plant
  - a) Flower parts: roots/bulb, stem, leaves, flower
  - b) Flowers have a life cycle
2. Most flowers have a smell
3. Containers that hold flowers
  - a). Vases, pots, window boxes, and planters are all flower containers
4. Places flowers grow:
  - a) in most all areas of the world support some type of flower
  - b) most frequently grow in Spring, Summer and Fall
5. What Flowers need to grow /the care of flowers
  - a). Flowers need: soil, water, sunshine, and air to grow
6. The uses of flowers:
  - a) Sometimes flowers are given to people for special occasions such as holidays, birthdays or when someone goes to the hospital
  - b) flowers add beauty to our world
  - c) flowers can be used for decorations

## Vocabulary :

1. flower:	Part of a plant that blossoms
2. petal :	Colored part of a flower
3. seed:	Produces a new plant
4. stem:	The trunk of a plant
5. leaves:	Growth above the stem
6. greenhouse	A glass house for growing plants
7. root	the part of the plant that usually grows down in the soil

## Flower Mindmap

### Names

violet  
tulip  
carnation  
iris  
orchid  
petunia  
roses

### Uses

beauty  
decoration  
perfume  
dye for clothes  
gifts  
ceremonies (weddings)  
food

### Location

wild  
soil  
water  
greenhouse  
gardens  
homes

## Flowers

### Care

water  
soil  
sunshine  
air  
pollination (bees/birds,  
butterflies)

### Parts

petals  
stem  
leaves  
roots  
buds  
seeds  
bulb

### Containers

vases  
pots  
window boxes  
planters

Some may be poisonous!

## Vocabulary Pictures:

flowerpot	flowers	butterfly
bee	puddle	garden
lawn mower	water hose	hoe

## Books:

The Tiny Seed  
and others in Unit Box

Activities:

1. Sunflower book (Mailbox)

2. Flower Sequencing - several

3. Make a Japanese Flower fete : a chrysanthemum

- Tissue paper cut into 3x20 strips then cut in half to make 3x10 strips
- stack the strips
- snip through a portion of these strips in \_ in intervals
- roll the stack of strips to create a blossom
- dip one end of a green pipe cleaner in glue and fasten it around the blossom
- wrap the blossom and pipe cleaner with floral tape

4. Japanese Fabulous flower arrangements

- one juice carton for each child (large): cut about 1/3 up and cover
- glue a block of floral foam in the container / or racks
- give each child a small leafless tree branch ( can be spray painted)
- top with Spanish moss
- add silk flowers or the tissue paper chrysanthemums

5. Spring Lily: See pattern in book

6. Flowers make a rainbow book:

9"x7 _"	white paper	Cover: Flowers Make a Rainbow
9"x 8 _"	red paper	Page 1: 1 Red Flower
9"x9"	orange paper	Page 2: 2 Orange Flowers
9"x9 _"	yellow paper	Page 3: 3 Yellow Flowers
9"x 10 _"	green paper	Page 4: 4 Green Plants
9"x 11 _"	blue paper	Page 5: 5 Blue Flowers
9"x 12"	purple paper	Page 6: 6 Purple Flowers

7. Paper plate posies; put materials and let child create his/her own flower

8. Dandelion Growth cycle pattern

9. Marigold life cycle

10. Label parts of a plant picture

11. Color, cut and glue; seeds, soil water and sun

12. Planting a seed: Sequence of Events

13. The Tiny Seed : Growth cycle

14. How a Seed Grows : Color, cut and Glue

15. Turnip: Plant part identification: roots, stems, leaves

16. Paint like author/artist Lois Elhert:

- Paint one sheet of paper a solid color and cut out in shapes of flowers or fruit

17. Garden Flowers Color Book

18. 'Crocus' in the grass: make green grass by finger painting using four fingers in a down stroke: add crumpled up tissue paper to the grass with glue; dry

19. Popcorn flowers: pop popcorn and put in a bag of dry colored paint

glue onto paper bag shaped flower pots; add green paper stems

20. Blow Dandelions onto paper that has glue sprayed on it
21. Make pussy willows: glue small, thin branches on paper; add grayish, pink thumbprints
22. Paint flowers on paper
23. Coffee filter Morning glories: coffee filters rolled up and at least 3 rubber bands tied around it. Have water and food color in cups or bowls, dip coffee filters in colored water, let dry and display
24. Glue puffed cereal to paper with stems and leaves
25. Grow flowers in class room
26. Plant flowers outside of classroom on the school grounds to watch it grow.
27. Pressed flowers in waxed paper; put flowers between waxed paper; iron and make a frame for it.

#### Flower Centers:

1. Provide plastic vases and silk flowers; let children make arrangements
2. Sand area: different size pots and silk flowers for planting

#### Food:

1. Vegetable tasting party
2. Fruit salads
3. Mud desert: with chocolate cookies, chocolate instant pudding, gummy worms
4. Carrot cookies; carrot cake ( see notebook)
5. Eat Sunflower seeds
6. Sunflower Snack; (see notebook)
7. Have a tea party; invite parents to come
8. Edible play dough flowers
9. Dandelion puff cookie (see notebook)
10. Sugar cookies cut out with tulip cookie cutter

#### Haiku

5 syllables	Look at the flower
7 syllables	Covered with raindrop splashes
5 syllables	Glistening with sunshine

Perfume Wise upward  
 Beautiful to see and touch  
 Flowers drink in rain