

# Drawing to learn



‘From the blackboard to the garden and back to the classroom’

Using observation and science learning through art and craft to explore what is growing outside the classroom.

## Drawing to learn

‘From the blackboard to the garden’

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**Drawing to learn:  
Integrated Art and craft  
projects for classrooms**

Students will to be introduced to what is growing outside their classroom: During the project they will collect roots, stems, seeds, flowers, and leaves to observe and draw.

- Dr Suess text ‘Oh say, can you seed?’
- Co-operative learning strategies
- Drawing and art /craft activities
- Science questioning and inquiry within the 5 E model
- Uploading narrative based upon the plant life cycle on

## ACTIVITIES: OVER 2/3 DAYS IN INDIVIDUAL SCRAPBOOKS

- 1:** Garden scene for cover of Scrapbook  
'The garden outside my classroom window'
- 2:** Seeds
  - A. Collection of seeds. Drawing: What is a seed?
  - B. Photograph seed arrangements / patterns on soil in garden
- 3:** Roots
  - A. Divide page into 3 sections. Each student draws roots then swaps and draws stems and leaves then swap and draws.
  - B. Tape drawing of tree on wall.
- 4:** Stems
  - A. Stamping on paint pad to see inside the stem
  - B. Rubbings of tree stems in black / white.
  - C. Inside stems ...frame or a circle closer up.... positive/ negative shapes
- 5:** Leaves:
  - A. Crayon rubbing to identify veins and whatever else is on leaves.
  - B. Then patterns with different small/ large leaves creating a mandala.
  - C. Wire drawings of leaves
- 6:** Flowers:
  - A. Large flower painting using overhead projector to enlarge flower image:
  - B. Flower collage
- 7:** Whole plant paper creations in pots.
- 8:** Mind map of plant life cycle
- 9:** Plant life cycle narrative with bee, butterfly, bird in 8 frames on large A4 page
- 10:** Narrative, art/craft and drawings with Bee/ butterfly/ bird on plant life cycle uploaded onto a wepublish app online.

## RESOURCES:

Individual scrapbooks

Felt tip pens

Pencils

Black highlight pens

White glue

Paints/ brushes

Crayons

Collage craft materials:

Pop sticks, scraps of material,  
card, buttons, sequins,  
cellophane, colored papers, wool  
etc.,



EACH PHASE/ TASK WILL  
HIGHLIGHT A DIFFERENT ART/  
CRAFT TECHNIQUE AND A  
SPECIFIC FOCUS FOR EACH OF  
THE ACTIVITIES

FIND MORE INFORMATION AT DRAWING TO LEARN:





1. The garden outside my classroom window:  
Nature table: Texts, images, garden display of seeds, roots, stems, leaves, and flowers. Identify and sort. Encourage inquiry questions e.g. What has the sun got to do with the roots of a plant? Create Garden scrapbook cover.

2. **Seeds:** Collecting seeds from the garden: A. Pencil drawing: seed inside and out. Then black outline patterns of seeds

B. Seed collage arrangements on soil outside. Photographing collage

### 3. Roots:

Different plants have different roots.

A. Fold pages into 5 sections. Each draws root of a plant. Then passes drawing to next student and they add stem, then next draws leaves and then flower. Unfold page to reveal plant. Is it correct? Are the roots matching the plant structure?

B. Identifying and drawing variety of root systems: Wool collage

### 4. Stems:

A. Stamping inside stem on stamp pad to see structure inside.

B. Rubbings of tree stems in black pencil

C. Inside stems ...frame or a circle closer up... positive/negative shapes

D. Stem collage with pipe cleaners

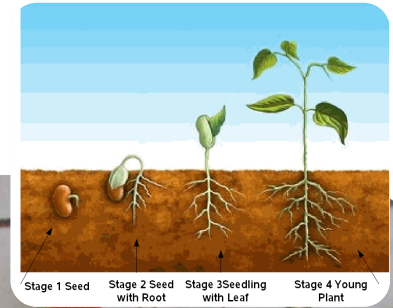
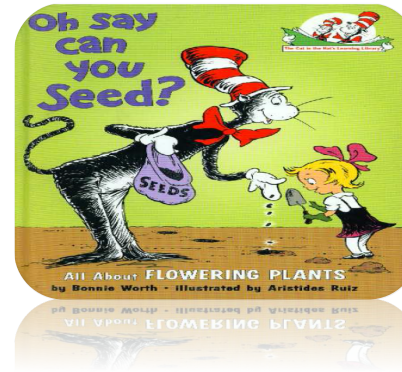
### 5. Leaves:

A. Crayon rubbing to identify veins and edges on 6 different leaves.

B. Then patterns with different small/large leaves creating a mandala.

C. Wire leaf creations then drawings

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## Final presentation: 'From the blackboard to the garden and back to the classroom'

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**6: Flowers:** On overhead projector:  
Painting flowers on large sheets of paper.  
Flowers collage with sequins, pipe cleaners, tissue paper, stickers and paper squares

**7. Whole plant creations:**  
Paper folding/ rolling plant creation in paper cups

**8. Mind map of plant life cycle :**  
What do you want to know about plants in the garden? Checking in to the original

**Identifying an insect, bird, animal to create a story in answer to the inquiry question.**

**9. Plant life cycle.** Exploring the inquiry in a narrative using wepublish structure online

