

ROOT AND PLANT GROWTH ZINE

Lesson Plan for 3rd-5th Grade

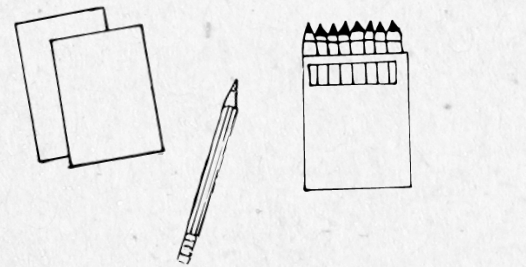
Time: 45 Min - 1 hour (Grade Dependent)

Goals:

- TSW identify parts of the plant and their functions, both external (roots, stems leaves) and internal (cells)
- TSW represent the stages of plant growth in a zine book activity

Materials

- Copy or craft paper
- Pencils
- Markers / colored pencils / crayons

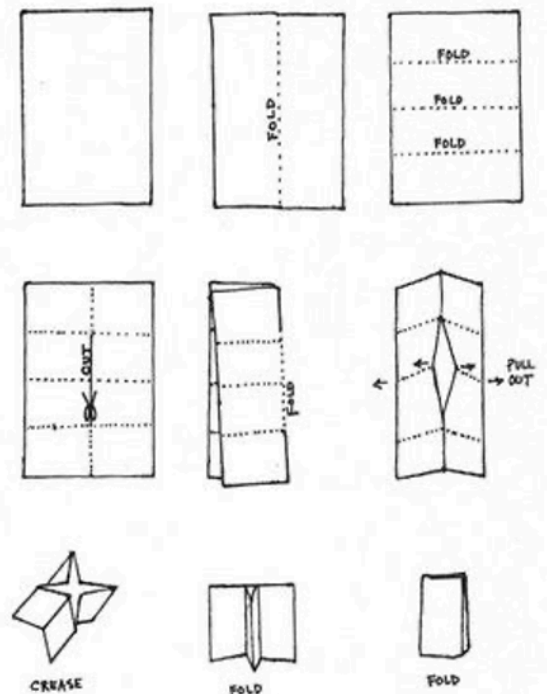


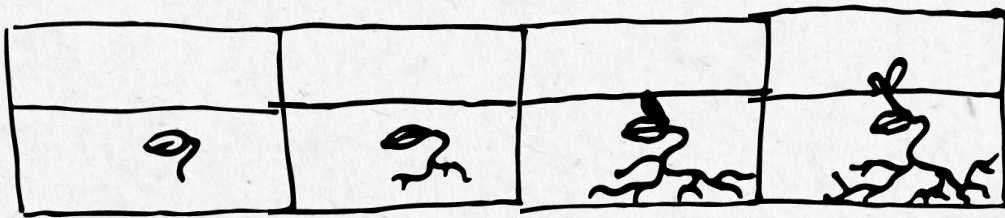
Science and Education Standards

1. Structure and Function: All organisms have internal and external parts. Macroscopic structures help organisms grow and survive.
2. Numbers / Measuring: Standard Units
3. Energy: Plants grow from acquiring air, water, nutrients, and sunlight.
4. Info Processing: Organisms have specialized sensory receptors.

Steps

1. As a Class or in small groups read a selection of plant growth books: *A Seed is Sleepy* by Aston and Long, *How Plants and Trees Work* by Dorion and Young, *Incredible Plants* by Barbara Taylor.
2. Fold and cut zines using the diagram to the right.
3. Using each of the 8 pages of the zine, students will draw stages of growth from seed to large plant, showing the gradual growth of the root structure.
4. Label the internal and external parts of the plant.
5. Add the environment and ecosystem surrounding the plant.





Evaluation

1. TSW complete the root growth zone showing the passage of time represented in different stages of plant growth drawings

