

CREATE A PLANT

Grade Band 1-3 Time 20 minutes Season Any Location

Indoors or Outdoors

Description:

In this activity, students work in teams of six to draw creative plants, including six plant structures: Roots, stems, leaves, flowers, fruits and seeds.

Materials:

- 1 blank piece of paper for each student
- A variety of colored pencils or pens for each group of six students

Preparation:

None



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Activity:

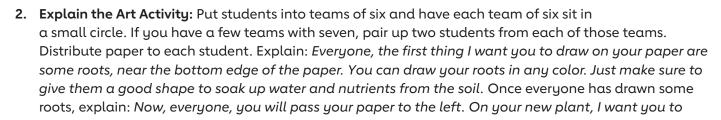
1. Discuss Structure and Function: Explore structures with students: Everyone, touch your nose! This is a "structure" on your face. Now turn to someone next to you and tell them the function, or job, of your nose. Ask a few volunteers to share out different functions, such as to smell and to breathe. Explain: Every structure on our bodies has one or more functions or jobs. Plants also have structures, and each structure on a plant also has a function. Today, you're going to work in teams to illustrate creative plants that have all of the key plant structures! Set the tone for being supportive of other artists in their group, perhaps by saying: We're all going to draw in our own way, and that is what will make our illustrations interesting.

Connections to Content Standards:

Next Generation Science Standards (NGSS):

NGSS Disciplinary Core Idea: LS1-A
All organisms have external parts. Different animals
use their body parts in different ways to see, hear,
grasp objects, protect themselves, move from place to
place, and seek, find, and take in food, water, and air.
Plants also have different parts (roots, stems, leaves,
flowers, fruits) that help them survive and grow.

NGSS Crosscutting Concept: Structure and Function



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CREATE A PLANT, CONTINUED

add a stem. Your stem should have a good structure to hold the plant up, and carry the water from the roots up to the other structures on the plant. Repeat, passing after each plant structure is illustrated, and inviting students to add on leaves, flowers, fruits, and seeds.

3. Wrap Up: After the papers have gone through all six artists and all six plant structures are on each plant, invite students to label the plant structures on the illustration that ended up with them, and to name their very creative plant. Then have students share out their plants.

