Seeds of STEM: Integrated STEM At-Home
Week 6: Plants and their Parts
Each activity can take anywhere from 10-30 minutes.

Day 1: Dandelion Close Observation
- Watch the read aloud of Dandelions by Mia Posada.
- Go on a ‘Dandelion hunt’ near your home. Found one? Look closely. What do you see?
- Help your child name each part: stem, leaf, flower, etc. If you can, help your child dig up the dandelion to examine its roots. Bring the dandelion home for use on Day 2.

Day 2: Dandelion Drawings
- Listen to the Dandelion song by Kesang Marstrand.
- Help your child carefully cut the dandelion into parts – separate the leaves from the stem, the flower, etc. (if no parts are available, find an image of a Dandelion to examine).
- Have your child trace each part of the dandelion onto paper, color them, and label them.
- Play the Plant Parts Game: Call out different plant parts and have your child use their bodies to represent it. For example, they may stretch their fingers wide to represent leaves.

Day 3: Sorting Parts of Plants
- Tell your child that vegetables and fruits are plants! With your child, gather a variety of vegetables: broccoli, cauliflower, carrots, potatoes, onions, celery, lettuce.
- Have your child sort the vegetables by which part of the plant they are. For example, carrots and potatoes are roots, lettuce is a leaf, broccoli is a flower, celery is a stem. Explain that some plant parts are above ground and some are underground.
- Compare the vegetables to the dandelion parts from Day 2. How are they the same? How are they different?

Day 4: Nature Walk and Collection
- Go for a nature walk with your child. Take pictures of different plants you see.
- Help your child safely collect different plant parts that can be found.
- When you get home, use the photos and the plant parts to plan a plant model for teaching others about plant parts.
- Using the plan, gather other everyday materials – recyclables, craft materials, etc. – that can be used to represent the parts of a plant. Keep these materials for use on Day 5.

Day 5: Create a Model of a Plant
- Challenge: create a model of a plant using the materials you gathered. Make sure your model plant has all of its important parts: roots, stem, leaves, flower.
- Watch this video for some examples: Read Good Books!: Plant Parts
- As your child creates, ask questions: what are you using for the flower/roots/stem/etc.? Why are you using that?
- Once the model plant is complete, have your child show it to someone else and explain each part of their plant.

Check out more Seeds of STEM home activities from at https://www.seedsofstem.org/products