



## Blocks: Building Plants

Children build plants using blocks, paper, recycled materials and tape.

<b>Big Ideas</b>	Plants grow and change over time. They need light, water, and air to live and grow.
<b>Guiding Questions</b>	How do plants grow and change over time? What do plants need to survive?
<b>Vocabulary</b>	<p><b>stem:</b> part of the plant that grows up from the ground</p> <p><b>petals:</b> colored leaves that form the outer part of the flower head</p> <p><b>leaves:</b> flat part of the plant that grow from the stem</p> <p><b>roots:</b> part of the plant that grows underground</p>
<b>Materials and Preparation</b>	<ul style="list-style-type: none"> <li>● <i>From Seed to Plant</i> (pgs.21-24)</li> <li>● plant images</li> <li>● plant images slides</li> <li>● books about plants</li> <li>● blocks (unit, hollow foam)</li> <li>● Beautiful Stuff: natural and recycled materials</li> <li>● tape</li> <li>● construction paper</li> <li>● writing and drawing utensils</li> <li>● scissors</li> </ul> <p>Set up a container with Beautiful Stuff you think children could use to create the parts of a plant and include tape, scissors, paper and writing utensils.</p> <p>Bring to Intro to Centers: Beautiful Stuff</p>

<p><b>Intro to Centers</b></p>	<p><i>This week, as we start a new unit about our earth, we have been reading From Seed to Plant by Gail Gibbons. In the illustrations Gail Gibbons shows different parts of plants.</i></p> <p>Show some of the pages where you can see roots, leaves, petals, stem, and remind children of these parts.</p> <p><i>What do you notice?</i></p> <p>Harvest a couple of responses.</p> <p><i>We also have different images of plants to look at. What do you notice about these?</i></p> <p>Share some of the images you think children will be drawn to and harvest a couple of responses.</p> <p><i>This week in Blocks you can build plants, using different kinds of blocks and beautiful stuff.</i></p> <p>Show children the collection of beautiful stuff.</p> <p><i>How would you use the block? What would you use to make the leaves, roots, petals, flowers, etc of your plant?</i></p> <p>Think, Pair, Share.</p> <p><i>I hear so many creative ideas for how to make different parts of plants. We also have tape and scissors you can use.</i></p> <p><i>In the images I shared I noticed labels for the different parts of the plant.</i></p> <p>Point to labels.</p> <p><i>You can make labels for the different parts of your plants. Remember to work together and share ideas with each other.</i></p>
<p><b>During Centers</b></p>	<p>As children begin to work, support them to use the visual resources to get ideas about what to include for their plant. Encourage them to collaborate and build plants together. Invite children to make labels for the plants and to use their knowledge of letter sound to tap out the words.</p>
<p><b>Facilitation</b></p>	<p>What kind of a plant are you building?  How are the images helping you with your ideas?  How are you using the blocks? The Beautiful Stuff?  How are you making the _____ for your plant?  How are you collaborating with others?  How are people going to know that this is a _____?</p>
<p><b>Standards</b></p>	<p><b>SL.1.K.a</b> Participate in collaborative conversations about kindergarten topics and texts with peers, and adults in small and larger groups.</p>

	<b>SL.3.K.b</b> Add drawings or other visual displays to descriptions as desired to provide additional detail.
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**Notes**