

Succeeding in Succession Cards

Life Science (Lower Middle)
Unit 4

Succeeding in Succession Cards

<p>Primary Succession-</p> <p>A nearby volcano erupts and lava flows over the entire ecosystem. Remove all blocks except for the initial 9 blocks.</p>	<p>Secondary Succession-</p> <p>A storm surge from a nearby water source floods the ecosystem. Garlic Mustard remove 3 blocks.</p>	<p>Secondary Succession-</p> <p>A dry season followed by a heat wave caused the start of a wildfire. California Bulrush, Red Twig Dogwood, and Garlic Mustard remove 2 blocks. Eastern White Pine remove 1 block.</p>
<p>Primary Succession-</p> <p>A landslide occurs from a nearby mountain replacing the ecosystem with debris, mudflow and rocks. Remove all blocks except for the initial 9 blocks.</p>	<p>Secondary Succession-</p> <p>A colder than average winter freezes the ground. Eastern White Pine, California Bulrush, and Red Twig Dogwood remove 1 block.</p>	<p>Secondary Succession-</p> <p>Land near the water's edge is cleared to build a new housing development. California Bulrush remove 3 blocks.</p>
<p>Secondary Succession-</p> <p>Organisms in the ecosystem experience overgrowth. The level of nutrients in the soil is insufficient to support growth. The person who rolls the highest number gets to add 1 block, all others must remove 1 block.</p>	<p>Secondary Succession-</p> <p>A disruption in the food chain causes an increase in the small mammal population. Red Twig Dogwood and Garlic Mustard remove 2 blocks.</p>	<p>Secondary Succession-</p> <p>A hurricane lasting three days passes through the ecosystem. High winds damage the tops of trees. Eastern White Pine remove 3 blocks, California Bulrush, Red Twig Dogwood, and Garlic Mustard remove 1 block.</p>

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<p>Secondary Succession-</p> <p>A large population of beetles migrate to the ecosystem. Red Twig Dogwood and Garlic Mustard remove 2 blocks, Eastern White Pine and California Bulrush remove 1 block.</p>	<p>A rainy season allows California Bulrush to flourish, California Bulrush add 2 blocks.</p>	<p>An increase in the ecosystem canopy provides a cooler and ideal environment for the forest floor. Red Twig Dogwood add 1 block. Garlic Mustard add 2 blocks.</p>
<p>Secondary Succession-</p> <p>Organisms in the ecosystem experience overgrowth. The level of nutrients in the soil is insufficient to support growth. The person who rolls the highest number gets to add 1 block, all others must remove 1 block.</p>	<p>Secondary Succession-</p> <p>Disease decreases the small mammal populations, the amount of shrub consuming lowers. Red Twig Dogwood and Garlic Mustard add 2 blocks.</p>	<p>Secondary Succession-</p> <p>Garlic Mustard overpopulates and forces consumers to feed on the smaller populations of producers. California Bulrush remove 2 blocks, Eastern White Pine and Red Twig Dogwood remove 3 blocks, Garlic Mustard add 1 block.</p>
<p>Secondary Succession-</p> <p><i>Sclerotinia sclerotiorum</i>, a deadly plant fungus, leads to stem loss and plant death in low growing producers. California Bulrush, Red Twig Dogwood and Garlic Mustard remove 3 blocks.</p>	<p>Years after primary succession allows small producers to thrive while trees are far from fully grown. Red Twig Dogwood and Garlic Mustard add 3 blocks.</p>	<p>Years after secondary succession provides nutrients from decomposing producers to the soil. Everyone adds 1 block.</p>