

Atmosphere (A)

You are currently a molecule of carbon dioxide in the atmosphere



If you roll...	Then you ...
1	Stay in the <u>Atmosphere</u> . Much of the carbon dioxide in the atmosphere circulates through the atmosphere.
2	Go to <u>Living Tree</u> . You are used by a tree in photosynthesis. 
3	Stay in the <u>Atmosphere</u> . Much of the carbon dioxide in the atmosphere circulates through the atmosphere.
4	Stay in the <u>Atmosphere</u> . Much of the carbon dioxide in the atmosphere circulates through the atmosphere.
5	Go to <u>Living Tree</u> . You are used by a tree in photosynthesis.
6	Go to <u>Understory Vegetation</u> . You are used by an understory plant in photosynthesis. 

Living Tree (A)

You are currently carbon in a living tree



If you roll...	Then you ...
1	Go to <u>Forest Floor</u> . The tree shed its leaves.
2	Stay in <u>Living Tree</u> . You are carbon in the tree's trunk.
3	Go to <u>Animal</u> . The leaves that the tree produced contain your carbon molecule and were eaten.
4	Go to <u>Standing Dead Tree</u> . The tree died but you remain as carbon in the standing dead trunk.
5	Go to <u>Down Dead Wood</u> . You are part of the tree branch that broke off and fell to the ground.
6	Go to <u>Atmosphere</u> . During the night with no sunlight you were respired back into the atmosphere.

Animal (A)

You are currently carbon in an animal



If you roll...	Then you ...
1	Stay in <u>Animal</u> . You are stored as fat in the animal.
2	Go to <u>Soil</u> . The animal that consumed you died and your carbon is returned to the soil.
3	Go to <u>Atmosphere</u> . The animal that consumed you respired (breathed) you out as carbon dioxide.
4	Stay in <u>Animal</u> . You are eaten by a predator.
5	Go to <u>Atmosphere</u> . The animal that consumed you respired (breathed) you out as carbon dioxide.
6	Go to <u>Forest Floor</u> . You left the animal as scat.

Soil (A)

You are currently carbon in the soil



If you roll...	Then you ...
1	Stay in the <u>Soil</u> . Much of the carbon in the soil is stored there.
2	Stay in the <u>Soil</u> . Much of the carbon in the soil is stored there.
3	Stay in the <u>Soil</u> . Much of the carbon in the soil is stored there.
4	Go to the <u>Atmosphere</u> . Some carbon is transferred to the atmosphere through soil respiration.
5	Stay in the <u>Soil</u> . Much of the carbon in the soil is stored there.
6	Go to the <u>Atmosphere</u> . Some carbon is transferred to the atmosphere through soil respiration.

Understory Vegetation (A)

You are currently carbon in Understory Vegetation



If you roll...	Then you ...
1	Go to <u>Atmosphere</u> . You were respired (breathed) into the atmosphere at night when photosynthesis is unable to occur.
2	Go to <u>Forest Floor</u> . You are part of the plant that died and you became a part of the forest floor.
3	Go to <u>Soil</u> . You were part of the plant root that died and became a part of the soil
4	Go to <u>Animal</u> . You were a part of the leaves or woody stem of the plant and were eaten by an animal.
5	Go to <u>Forest Floor</u> . You are part of the plant that died and you became a part of the forest floor.
6	Stay in <u>Understory Vegetation</u> . You are part of a woody stem that persists from year to year.

Standing Dead Tree (A)

You are currently carbon in a Standing Dead Tree



If you roll...	Then you ...
1	Stay in <u>Standing Dead Tree</u> . You are part of the main trunk that remains standing
2	Go to <u>Down Dead Wood</u> . You are carbon in part of the trunk that falls to the ground.
3	Go to <u>Down Dead Wood</u> . You are carbon in part of the trunk that falls to the ground.
4	Go to <u>Soil</u> . You are a part of the root system of the dead tree that decomposes underground.
5	Stay in <u>Standing Dead Tree</u> . You are part of the main trunk that remains standing
6	Go to <u>Atmosphere</u> . A decomposer releases you to the atmosphere as carbon dioxide.

Down Dead Wood (A)

You are currently carbon in a Down Dead Wood



If you roll...	Then you ...
1	Stay in <u>Down Dead Wood</u> . You are part of large log that has not decomposed yet.
2	Stay in <u>Down Dead Wood</u> . You are part of large log that has not decomposed yet.
3	Go to <u>Soil</u> . You have decomposed.
4	Go to <u>Soil</u> . You have decomposed.
5	Go to <u>Soil</u> . You have decomposed.
6	Go to <u>Atmosphere</u> . A decomposer releases you to the atmosphere as carbon dioxide.

Forest Floor (A)

You are currently carbon in the Forest Floor



If you roll...	Then you ...
1	Go to <u>Soil</u> . You decompose and become a part of the soil.
2	Stay in <u>Forest Floor</u> . You have not decomposed yet.
3	Stay in <u>Forest Floor</u> . You have not decomposed yet.
4	Go to <u>Soil</u> . You decompose and become a part of the soil.
5	Stay in <u>Forest Floor</u> . You have not decomposed yet.
6	Go to <u>Soil</u> . You decompose and become a part of the soil.