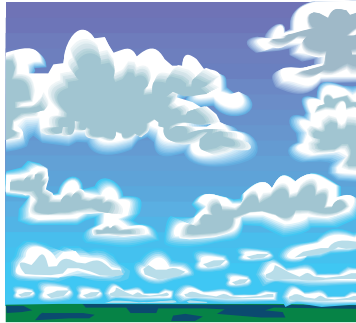


The Carbon Cycle

THE ATMOSPHERE





You are currently a molecule of carbon dioxide in the atmosphere.

If you roll...	Then you ...
1	Stay in the atmosphere. Much of the carbon dioxide in the atmosphere moves through the atmosphere.
2	Go to plant. You are used by a plant in photosynthesis. <div style="text-align: center; margin: 10px 0;"> </div>
3	Stay in the atmosphere. Much of the carbon dioxide in the atmosphere moves through the atmosphere.
4	Stay in the atmosphere. Much of the carbon dioxide in the atmosphere circulates through the atmosphere.
5	Go to surface ocean.
6	Go to plant. You are used by a plant in photosynthesis.

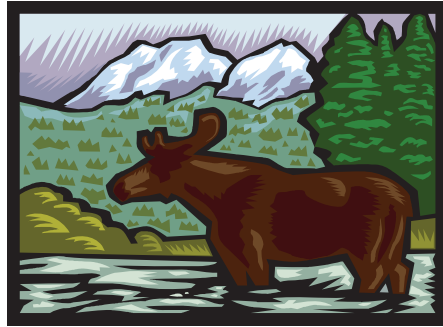
The Carbon Cycle PLANTS





You are currently a carbon molecule in the structure of the plant.

If you roll...	Then you ...
1	Go to soil. The tree shed its leaves. 
2	Stay in plant. You are a carbon molecule in the tree's trunk.
3	Go to animal. The leaves and berries that the plant produced contain your carbon molecule and were eaten. 
4	Stay in plant. You are a carbon molecule in the tree's roots.
5	Stay in plant. You are a carbon molecule in the tree's branches.
6	Stay in plant. You are a carbon molecule in the tree's trunk.

The Carbon Cycle **ANIMALS**

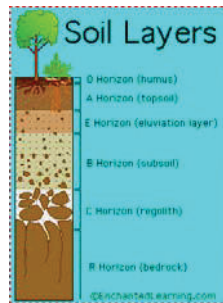


You are currently a molecule of carbon in an animal.

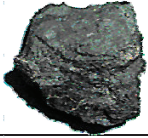
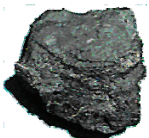
If you roll...	Then you ...
1	Stay in animal. The carbon molecule is stored as fat in the animal.
2	Go to soil. The animal that consumed you died and your carbon molecule is returned to the soil. 
3	Go to atmosphere. The animal that consumed you respired (breathed) you out as carbon dioxide.
4	Stay in animal. You are eaten by a predator. 
5	Go to atmosphere. The animal that consumed you respired (breathed) you out as carbon dioxide.
6	Go to atmosphere. The animal that consumed you respired (breathed) you out as carbon dioxide.

The Carbon Cycle

SOIL

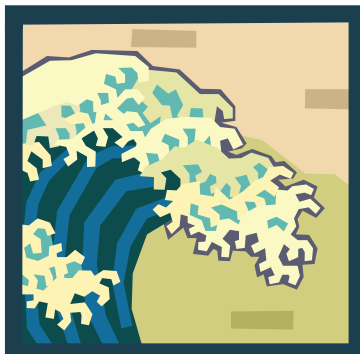


You are currently a molecule of carbon dioxide in the soil.


If you roll...	Then you ...
1	Stay in the soil. Much of the carbon in the soil is stored there.
2	Go to plant. You are used by a plant in photosynthesis.
3	Go to fossil fuels. Your carbon molecule has been in the soil so long it turns into fossil fuels. 
4	Go to the atmosphere.
5	Stay in the soil.
6	Go to fossil fuels. Your carbon molecule has been in the soil so long that it turns into fossil fuels. 

The Carbon Cycle

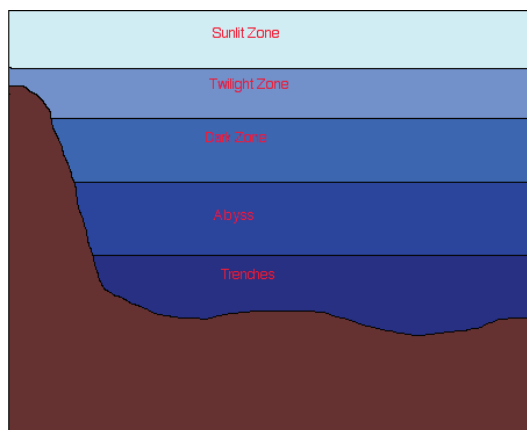
SURFACE OCEAN



You are currently a molecule of carbon dioxide in the surface ocean.

If you roll...	Then you ...
1	Go to deep ocean.
2	Stay in the surface ocean.
3	Go to deep ocean. Your carbon atom was part of an ocean organism that has died and has sunk to the bottom of the ocean. 
4	Stay in the surface ocean.
5	Go to the atmosphere.
6	Go to the atmosphere.

The Carbon Cycle DEEP OCEAN

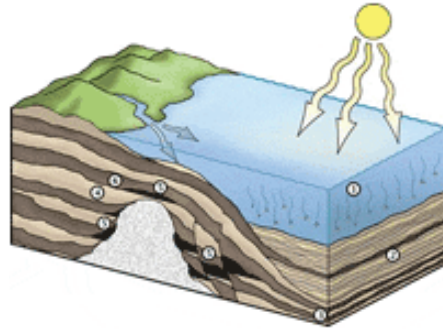


You are currently a molecule of carbon in the deep ocean.

If you roll...	Then you ...
1	Stay in the deep ocean.
2	Stay in the deep ocean.
3	Go to surface ocean.
4	Go to surface ocean.
5	Go to surface ocean.
6	Go to animal. An organism in the water has taken you up as food in the deep ocean.

The Carbon Cycle

FOSSIL FUELS



Fossil fuels are a rich source of energy that has been created from carbon that has been stored for many millions of years.

If you roll...	Then you ...
1	Stay in the fossil fuels.
2	Stay in the fossil fuels.
3	Stay in the fossil fuels.
4	Stay in the fossil fuels.
5	Go to the atmosphere. Humans have pumped the fuel that you are part of out of the ground and have used it to power their cars.
6	Go to the atmosphere.