

- A gap in a tropical rainforest allows new growth.
- Saplings take in CO_2 through photosynthesis and store the carbon in their bodies.

TAKE CARBON

- An iguana lounges in the sun in a recent forest gap.
- The animal exhales CO_2 every time it breathes.

GIVE CARBON

- An island volcano erupts!
- CO_2 spews into the ocean air.

GIVE CARBON

- Excess CO_2 emitted by a volcano causes an algae bloom.
- The algae boom takes in the extra CO_2 that was emitted.

TAKE CARBON

- A woolly mammoth takes a stroll through the field after a full meal of grasses.
- The woolly mammoth's scat falls on the soil.



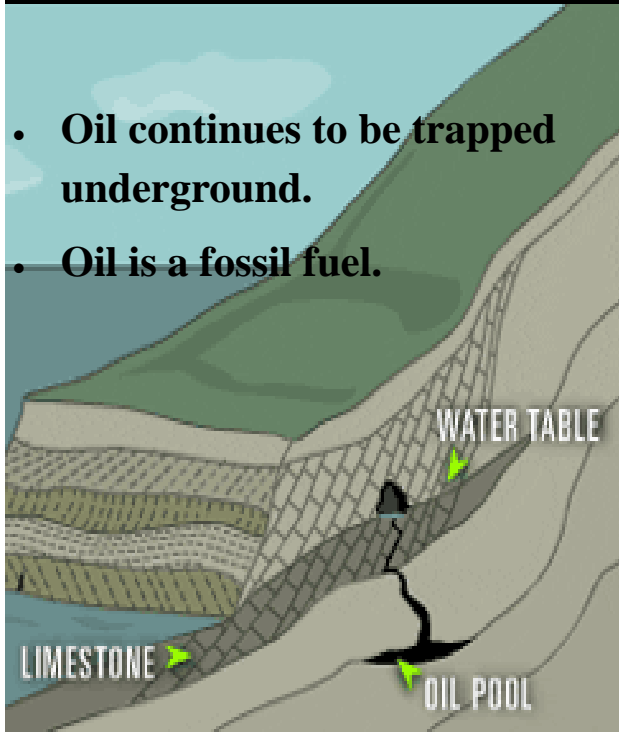
GIVE CARBON

- Animal scat contains carbon
- Some of the carbon from this woolly mammoth scat is stored in the soil

(Some of the carbon may be released to the atmosphere)

TAKE CARBON

- Oil continues to be trapped underground.
- Oil is a fossil fuel.



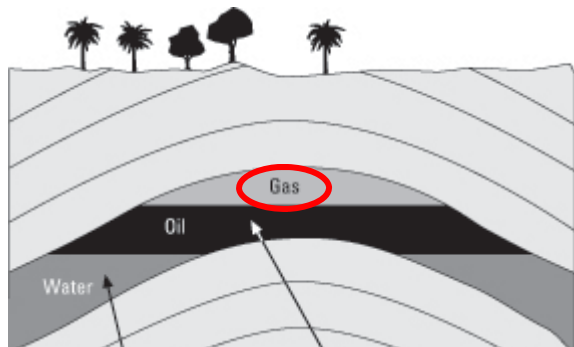
YOU ARE TRAPPED UNDERGROUND

- Coal continues to be trapped underground
- Coal is a fossil fuel



YOU ARE TRAPPED UNDERGROUND

- **Natural gas continues to be trapped underground**
- **Natural gas is a fossil fuel**



YOU ARE TRAPPED UNDER-GROUND

- **Phytoplankton take in CO_2 from the atmosphere through photosynthesis.**
- **Some of the carbon is stored in the organisms' tissues where it may be passed up the food chain.**

GIVE CARBON

- **Whales eat plankton.**
- **They metabolize the carbon in the plankton for energy and growth.**

TAKE CARBON

