Carbon Cycle BrainPop Video Notes

carbon life Earth thing

Carbon it the building block for all _____ on _____ - every single cell in every living _____contains some _____.

carbon dioxide non-living carbon cycle constantly

Carbon is common in _____ matter, too: in rocks and soil; dissolved in seawater; inside the earth's mantle; and in the air, as _____.

Earth's carbon is _____ flowing from one of these forms to another; that's the _____.

water cycle atmosphere photosynthesis soak cells

It's like the _____, only a bit more complex. Animals add carbon dioxide to the _____when they breathe.

Plants _____up carbon dioxide during _____storing the carbon in their _____.

Contained trees sinks marine die Earth's add release

Plants, especially _____ are known as carbon _____ because they take more carbon out of the atmosphere than they _____ to it.

Thanks mostly to _____ life, oceans soak up more carbon dioxide than they _____.

When plants and animals _____, the carbon _____ in their bodies enters the _____ crust.

steady entering volcanic eruptions locked cycle balance

The Earth's crust keeps carbon _____ up for millions of years, eventually returning some of it to the atmosphere through _____.

Normally, the carbon cycle keeps a pretty _____level of carbon dioxide in the atmosphere.

Lately, the _____ seems to have been thrown out of _____; more and more carbon dioxide is _____ the atmosphere every year.

worse human tons second first not soaking
burning clearing

It's probably because of _____ activities. We create _____ of carbon dioxide by _____ fossil fuels. And the _____ rainforests in South America and Africa makes the problem _____ in two ways: _____, burning the trees add carbon dioxide to the atmosphere, and _____, once the trees are gone, they're _____ up any more carbon dioxide.

warm trap greenhouse contributor warming-up
gases

Right- carbon dioxide is a major _____ to the _____ effect. That's the _____ that the earth experiences because of certain _____ in our atmosphere. Gases like carbon dioxide _____ heat in the atmosphere and keep the earth _____.

increased alternative up balance

Industrial Revolution devastating forests

Since, the start of the _____ about 200 years ago, the carbon in the earth's atmosphere has _____ by about 40 percent!

Most scientists agree that this has warmed the earth _____, and that the warming could have _____effects on the environment. Planting _____ and finding _____ energy sources will help restore the _____, but we've got a long way to go.