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.