

Carbon on the Move- by Tricia Smith, 2021

<https://www.youtube.com/watch?v=JZNBrmKZTMw>

Carbon on the Move- The Carbon Cycle Story, is the original natural environmental process that continues daily, it has historical relevance and must continue to be sustained...

Greetings, I am Tricia Smith. I am going to tell you a story...

What is the one chemical element that connects all living creatures and things to our planet, you ask?

Let me give you some background, so you will be aware, of the characteristics of carbon, it's everywhere...

It is a non-metallic element,

widely used in nature,

and at room temperature, it stays solid,

it forms more compounds than all other elements combined, did you know?

The Carbon Cycle

Coal is a form of carbon, used as a fuel;

and 20% of our body is carbon, for sure.

Now, get ready to hear, about a daily phenomenon!

This is nature's story.

This is a story about the carbon cycle that takes place everywhere!

The carbon cycle is a full circle process that is natural!

CARBON

Carbon is in humans, plants, animals and the soil.

We need sunshine, soil, water, and air to survive and to complete the carbon cycle.

What is this cycle you say?

Animals eat plant food that combines with oxygen to produce energy

The energy is used up and byproducts eliminated and turned back into soil.

The carbon combines with oxygen that forms CO<sub>2</sub> and released back into the atmosphere.

Do you breathe? Yes we all do. This is respiration. We breathe in oxygen and exhale CO<sub>2</sub>.

Plants take in CO<sub>2</sub> and give off O<sub>2</sub> for us to breathe.

## The Carbon Process

When an animal dies, the carbon in their body goes back into the soil

Look at all of the creatures and rocks everywhere.

There are rocks formed from compressed decomposed plants that form peat

Peat settles in swamps, so "You don't want to choose to go there."

With the pressed peat, sedimentary rock forms to make coal over many years, then the coal used for our fuel that releases CO<sub>2</sub> in the air.

And this is the carbon cycle I told you about

## Process of Decomposition

### Sedimentation

## The Carbon Cycle in relation to the Environment

### EARLY HISTORY OF ENVIRONMENTALISM

Now, let's talk about the people you would have met way back in history, known as hunters and gatherers, who used fire and hunting tools and knew that they impacted their environment. History tells of early humans who considered the wilderness sacred, and reserved, with obligation to care for the natural world.

### EARLY HISTORY

At one time, there was Plato, a Greek Philosopher who recognized how deforestation lead to soil erosion and had negative impact.

There were places then, like China, India and Peru, where soil erosion was prevented with agriculture practices, by guess who? and all of these areas were well cared for by all.

### More to Happen

And then more things started to happen, don't worry. Don't stew.

Just take action today to save our air, water, and planet, by living environmentally, so the Carbon Cycle keeps happening too.

OH!

THERE WERE TIMES OF GREAT PLAGUES, FAMINES, AND DISEASE, From the 16<sup>th</sup> to 18<sup>th</sup> Century, there was the London Fog, and Smog, due to Coal burning logs.

This lead to a start of the environmental rights movement,

So let's move along!

## DID YOU KNOW?

Just think, can you remember, the Writers, Scientists, and Philosophers worth listening to?

In 1800, there was animal rights activists, Ecologists, and Naturalists worth knowing!

They were Jeremy Bentham, Thomas Malthus, Jean Baptiste Fourier,

And Ralph Waldo Emerson, William Bartram, James Audubon, and Henry David Thoreau, who were well known;

The Sierra Club was started by John Muir, and Eco Systems awareness shared by Aldo Leopold.

And Oh, Did You Know?

And Oh, did you know,

that India was the first Country to promote saving the trees?

They started a great movement, to the whole gang and soon took the lead.

In the 1900s, there was the best of the best,

Great Leaders like Alice Hamilton, a Chemist, Bertrand Russell, and Rachel Carson, who helped ban leaded gasoline, pushed for the Anti-Nuclear Movement, developed the Clean Air Act and Ecology, so they were on top of all the rest.

The Green Movement

Greenpeace and other Organizations were established in 1969 on,

To expand the Green Movement and Ecology platform, to show the world how much they care.

So why should you care? And why should I?

Because, our actions and lifestyle can heal or destroy,

The Nature created for us to enjoy.

## OUR ACTIONS

I'm sorry to say so

but, sadly, it's true

that our actions have caused the Earth's Bang-ups

and Hang-ups

and our actions can undo the damage we created,

So that the Earth is a happy, healthy place to live for our future, and everyone's sake.

## WE ALL NEED TO TAKE ACTION NOW

You can get all hung up

in a prickly perch.

And the gang will fly on.

You'll be left in a lurch.

Because if we all take action now, And for the rest of our daily lives,

We will save our dear planet,

For all to survive.

## OUR PATH

We have come to a place where the path is clearly marked.

Some doors are open, others are not. But mostly we just need someplace to start.

A place to start is right in your own home, so let's begin!

Do you dare to stay out? Do you dare to go in?

How much can you lose? How much can you win?

## WHY WAIT?

...for people are just waiting.

Waiting for time to go by slow

or waiting for a plant to grow

or for a friend to take them by the hand to go

or for the phone to ring, or the snow to snow

or the waiting around for a Yes or No

or waiting for someone else to take action, oh no.

Everyone is just waiting.

## WE ARE IN THIS TOGETHER

With our hands raised high,

once more our days will go by,

Ready for anything under the sky.

Ready because we're in this together, and that's something you can't buy!

Except if we don't act,

We can't take our actions back.

## ACCOUNTABILITY & RESPONSIBILITY

You are never Alone!

Whether you like it or not,

We can all do something

Except not act.

On and on we will move,

And we will move far

and face up to our problems, where-ever they are.

## PRIORITY ACTION

We will take action to make healing our planet a priority, of course,  
as we already know, climate change is real.

So don't disregard, the need to take action to prevent  
damage from pollution, desertification, or soil erosion as you go.

So be sure when you act.

Act with care and great tact  
and remember that Life's  
a Great Balancing Act.

Just never forget to be swift and decisive.

And never mix up doing what's right, to eliminate our self made crisis.

WE WILL MOVE MOUNTAINS TOGETHER

And will you succeed?

Yes! You will, and we all will indeed!

(98 and 3/4 percent guaranteed.)

WE WILL MOVE MOUNTAINS TOGETHER!

So...

Whatever is your name, or time of the day

We are off to a better future, to make our Planet great again with beautiful Places!

Today is my day, today is your day!

Our mountain is waiting for action.

So...let's get on our way!