

Name: _____

Date: _____

Period: _____

Earth Science Theatre: The Great Global Warming Swindle

****Please Turn-In This Assignment****

Commercial Analysis

After viewing the commercial... notice that some of the statements in the transcript could be tested and other statements are opinions.

- Put a **+** next to all statements that could be tested
 - Place a **+T** if you think the statement is **true**
 - Place a **+F** if you think the statement is **false**
- Put a **?** next to any statement that you think is an **opinion**

Symbol	Transcript of the Commercial
	There's something in these pictures you can't see
	It's essential to life.
	We breathe it out.
	Plants breathe it in.
	It comes from animal life, the oceans, the earth, and the fuels we find in it.
	It's called carbon dioxide---CO ₂ .
	The fuels that produce CO ₂ have freed us from a world of back-breaking labor, lighting up our lives, allowing us to create and move the things we need, the people we love.
	Now some politicians want to label carbon dioxide a pollutant. Imagine if they succeed. What would our lives be like then? Carbon dioxide. They call it pollution. We call it life.

Do you agree with the message? Why or why not?

Feature Presentation Characters

Swindle – is a deception usually to done to get money

Anthropogenic Greenhouse Gases – are GHG that are man-made, not natural

IPCC – Intergovernmental Panel on Climate Change, group of people analyzing climate change

As you watch...

While you are watching the video segments, “The Great Global Warming Swindle” fill in the evidence that the video cites to support for each argument.

Argument	Evidence
<p>We are told that we should be worried, because the Earth’s climate is changing. But the Earth’s climate is always changing.</p> <p>In Earth’s long history there have been countless periods when it was much warmer and much cooler than it is today. But climate has always changed, and changed without any help from us humans.</p>	<ul style="list-style-type: none"> • We can trace the present warming trend back at least _____ years to the end of a very cold period in Earth’s history... known as the Little ____ ____ (~1650 AD) • Old _____ and prints of old father Thames (river)... showing that the river froze over • Temperatures were higher than they are today in a time known as the _____ period (~1200 AD) • More warm spells including a very prolonged period in the bronze age known as the _____ (max at ~6,000 BCE) • In the post war years, when industry and the economies of the world really got going, and human production of CO₂ soared, the global temperature was going _____. The facts didn’t fit the theory. • All the models calculate that the warming should be _____ as you go up from the surface into the atmosphere. The theory says that if the surface warms, the upper atmosphere should warm rapidly. The rise in temperature in that part of the atmosphere is not very dramatic at all and really _____ match the theory of climate models.

Rebuttal Wrap Up:

What do you think is the strongest argument made in the rebuttal video?

What must you think about when viewing media critically about climate change?
