

What Should We Do About Global Warming??

6th/7th Science Packet 3/2/10-3/12/10

Name: _____

Section: _____

Advisor: _____

Started?	Finished?	Table of Contents	Page	Grade
		Daily Do Nows	2-3	
		What Causes Global Warming?	4-5	
		What can we do to fight Global Warming?	6-7	
		What is happening because of Global Warming?	8-12	
		What Should the Government do about Global Warming?	13-__	

Daily Do Now:

Day 1	Aim: _____ Do Now: What is a greenhouse ? Not sure? Look it up on your laptop. _____ _____ _____ _____
Day 2	Aim: _____ Do Now: Name two things that we can do to stop global warming: 1. _____ _____ 2. _____ _____ _____ Read the question below and wait quietly to watch short cartoon: What message is this cartoon sending to our future's scholars about global warming? _____ _____ _____ _____
Day 3	Aim: _____ _____ Do Now: Circle all of the things on the list below that ARE effects of global warming: 1. Sea Levels are Falling 2. Polar bears are becoming endangered 3. Mushrooms Spreading 4. Oceans Warming 5. Increased Cigarette Smoking 6. Governments are fighting over who should pay to fight global warming 7. Antarctica is currently getting colder 8. People are starting to "go green" 9. Glaciers Melting 10. Increased Drinking Water Supplies Around the World 11. More Deserts are Forming 12. Plants and animals are changing where they live 13. People are visiting zoos more often

<p>Day 4</p>	<p>Aim: _____ _____</p> <p>Do Now: (Copy from the board)</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Day 5</p>	<p>Aim: _____ _____</p> <p>Do Now: Which parts of the packet do you want to work on finishing today? Will you be able to finish before CPAS?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Day 6</p>	<p>Aim: _____ _____</p> <p>Do Now: Which parts of the packet do you want to work on finishing today? Will you be able to finish before CPAS?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Day 7</p>	<p>Aim: _____ _____</p> <p>Do Now: List as many facts as you can about global warming.</p>

Day 1: Aim: What Causes Global Warming

What Causes Global Warming?...

The Greenhouse Effect



Watch the video found at scienceatcivic.pbworks.com. As you watch, answer the following questions

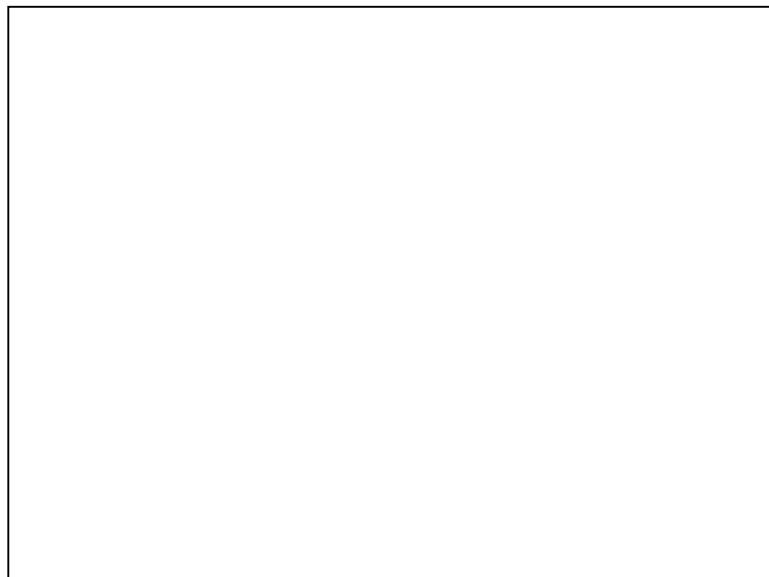
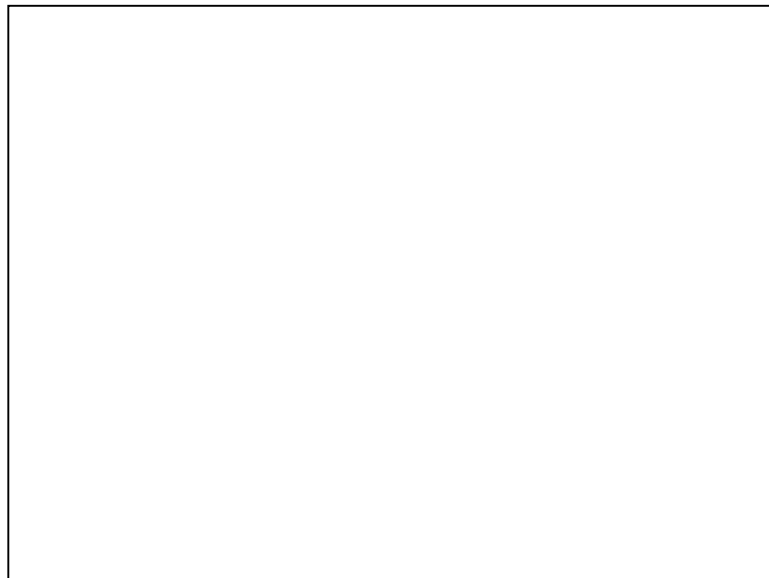
1. Why would farmers in cold areas use greenhouses to grow plants? _____

2. The Greenhouse *Effect* is the process of: _____

3. Why doesn't the earth overheat? _____

4. What gases in the atmosphere trap the sun's heat in near the earth? _____

Draw the sun's rays entering the atmosphere:



What can we do to fight Global Warming?

Mini Lesson: What is a carbon footprint?

Carbon Footprint: _____

Overview of lesson:

- ❖ What can we do to stop global warming? Take a quiz to test your knowledge!
<http://www.hippoworks.com/earth1.html>
- ❖ Learn about Green power: <http://www.hippoworks.com/earth5.html>
- ❖ Calculate your carbon footprint-
<http://www.fightglobalwarming.com/carboncalculator.cfm>
- ❖ After researching, students will sign an online petition to help put a stop to global warming!
http://www.stopglobalwarming.org/sgw_partner.asp?446868
- ❖ Global Warming Challenge Contest! Students will create posters on their findings to post around and outside of the classroom!

Investigation: Visit scienceatcivic.pbworks.com and complete the following activities:

What can we do to stop Global Warming? Take the tour with the gang from hippoworks! Click on the characters and then follow the arrows. Answer the questions below!

1. What is one of the best ways to help save the earth? _____
2. What should you do if the air conditions/heat is on? _____
3. What should be off in your home when you are not using it? _____
4. How can we save water in our bathrooms? _____
5. Why should we keep our refrigerator's door closed? _____
6. Why should we replace our light bulbs in our homes with CFL bulbs? _____
7. What are the 3 R's? _____
8. How can we conserve energy by recycling? _____

****Click to play the Memory Game****

Learn about Green power:

1. What is Green Power? _____

2. Explain how solar panels work? _____

3. How can it be used in your home? _____

4. If we use green power instead of convectional power in our homes what difference can we make? _____

Calculate your Carbon Footprint-

You can calculate your personal impact or for you entire household- click on one and answer the questions that follow!

1. How much carbon do you create?

2. Where do you create the most carbon? _____
3. How much CO₂ does an average American produce? _____
4. How can you cut your pollution? _____

Let's help save our earth!

Sign an online petition to help put a stop to global warming!

Extension:

Take the Global warming challenge quiz #1 and quiz #2

Share: Close with save our planet- Home-Sweet-Home and Earthman song video!
What is Happening Because of Global Warming?

Mini Lesson: Lets Watch

<http://video.nationalgeographic.com/video/player/environment/global-warming-environment/> to learn more about what is happening around the world because of global warming.

List of effects of global warming mentioned in the video:

Investigation: Visit scienceatcivic.pbworks.com and check out the links about the effects of global warming around the world.

Part A Read through at least one article and answer the following questions:

Which article did you read?

- [7 Places Global Warming is Smacking the Crap Out Of](#)
- [Ecological Signs--Global Warming's Effects on Plants](#)
- [Global Warming Causes German City to Ban Cars](#)

What was the article about?

What effect of global warming was described in the article? Explain.

Part B: Watch at least on of the videos/interactive media.

Which did you look at?

[La Paz, Bolivia](#)

[Bangladesh](#)

[Effects Around the world](#)

What was the video/interactive media about?

What effect of global warming did you learn about?

Part C: Take the Global Warming Quiz!

What was your score? _____

What is one fact you learned about global warming you learned from the quiz?

Part D: After all this hard work, you are a mini-expert about at least two effects of global warming. Share your new knowledge:

Choose one:

- Imagine you are reporter for Channel 7 Eyewitness News. Write a news report about one thing that is happening in the world because of global warming.
OR
- Imagine you work for the New York Times art department. Draw an advertisement for a magazine to help make readers aware of an effect of global warming.
OR (*even better...*)
- Team up with a friend: one of you can write a News Report and the other can draw and advertisement to advertise the report.

Share: *Gallery Walk*-- List two things you really liked about other scholar's news reports or advertisements. Explain why you liked them.

1. _____

2. _____

Advertisement about A Cause Of Global Warming:

