

Student Link

Lesson Activity for Junior Grades
(Subject : Global Citizenship)

PAGE

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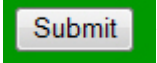

Student Name: _____

You might wonder what one person can do to help the planet. Take a look...

You're going to meet **Mike Tidwell** and his family and see how they use **corn and sunlight** to run their house. Cool!



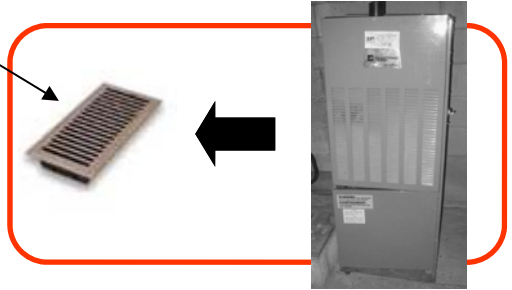
INSTRUCTIONS

1.	In StudentLink , click on the Grade Five door.		
2.	Click on The Environment .		
3.	Now click on Energy Quest . (http://www.energyquest.ca.gov/)		
4.	In EnergyQuest click on the movie screen.		
5.	Now click on the DVD shelf. Look for Fighting Global Warming One House at a Time 2002 . Click!		
6.	You will be asked to select your Connection Speed . Select 56K modem/DSL then click on  .		
7.	Put your headphones on and watch the movie. It might pause all by itself as it downloads more data. <u>Just be patient</u> . You can use the time to answer the questions on the next page. You can also use the controls to pause the movie if you need to write in an answer. Be careful: the "rewind" button will take you back to the start of the movie!		

Student Name: _____

Everyone's house needs **HEAT** and **POWER**.

1. Where does your house get it's **heat**? Here's a possible hint:
Describe in your own words:



2. How does Mike's house get **heat**? Describe in full and draw a picture to illustrate your words.



3. How does your house get **power**? Here's a possible hint:
Describe in your own words:



4. How does Mike's house get **power**? Describe in full and draw a picture to illustrate your words.



5. What is Bio-mass Energy?

6. How much does it cost Mike to run his house per day?



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7. Which is cheaper...corn or natural gas?
Where does Mike get his "fuel"?

8. There are two important conditions regarding the corn to be burned. What are they? What do they mean?

Corn Condition #1: It must be
Explain:

Corn Condition #2: It must be
Explain:

9. **Mike's Roof:**
In your own words, what do the panels on Mike's roof do?



10. Name **three benefits** gained from using solar panels.

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11. **Mike's Fridge:** What's so special about his refrigerator?

12. Mike names five ways to save power and fight Global Warming. **Explain!**

Energy Star?	Lightbulbs?	Leakage?	Leave a Room?	Drying Clothes?