Name: Quang Huynh Ecology #13

**Global Warming and the Greenhouse Effect**

<https://www.youtube.com/watch?v=C7IyBEX1Wws>

Watch video and answer questions:

1. What surrounds the earth and acts like a plant greenhouse? An atmosphere.

2. What planet is the hottest in the solar system and why? Venus because it has a very thick atmosphere.

3. What are 4 reasons that the natural greenhouse effect is out of balance? Four reasons for why the natural greenhouse effect is out of balance are the burning of fossil fuels. Agriculture, Deforestation, and Water Pollution.

4. REVIEW: What is the equation of photosynthesis? Energy + CO2 + Water = C2H12O6 + O2

5. What are 5 consequences of global warming? Some consequences of global warming would be rising sea levels, melting icecaps, increase in temperature, droughts, and more harsh weather conditions.

6. What is the relationship between the levels of carbon dioxide and the earth’s temperature? As the CO2 levels go up, the earth’s temperature would go up as well.

7. How can we, as a planet, reduce our fossil fuel usage? Use more efficient ways of transportation.

8. What is reforestation and how does it help the environmental problem of global warming? Reforestation is planting more trees. It can help with the environmental problem of global warming by absorbing CO2

*LECTURE REVIEW QUESTIONS:*

1. How is the greenhouse effect beneficial? It helps sustain the temperature of our planet.

2. name the three greenhouse gases? Carbon dioxide, water vapor and methane.

3. Name examples of fossil fuels? Coal and oil.

4. Which greenhouse gas is mainly released from the burning of fossil fuels? Carbon dioxide

5. Fertilizers add which greenhouse gas to the environment? Nitrogen

6. Cattle and farm animals add which greenhouse gas to the environment? Methane

7. Which greenhouse gas is absorbed and removed from the atmosphere as a result of photosynthetic life? Carbon dioxide

8. Why are organic foods a way to lessen the effects of climate change? They would use less pesticides