



8. Which heats up faster, water or land? Why?

9. What is the greenhouse effect? Describe this process.

10. Which gases are considered the main greenhouse gases?

11. What would happen to the Earth if there were no greenhouse gases?

12. How would the melting of land ice affect sea levels?

13. What are factors that can have impacts on the climate, both natural and manmade?

15. How are climate and weather different?

16. What is albedo? What things on earth have high albedo?

17. How do the melting glacier ice caps further contribute to global warming?

18. Beyond temperature, what are three other ways that climate change is impacting the environment.

19. What is the Keeling curve?

20. What long term trend does the Keeling curve show and why does it occur?

21. Why do we see the short term annual variation on the Keeling curve?

22. Draw the Carbon cycle and label the major parts.

23. How does the combustion of fossil fuels keep the Carbon cycle from being balanced?