

1st 9 weeks
Quarterly Assessment

1. Explain the difference between the independent variable and the dependent variable.
2. Put the planets in order from closest to the sun to farthest away.
3. What is a placebo and why is it used in experimentation?
4. Explain what causes climate change and how it can affect humans.
5. Burning fossil fuels increases carbon monoxide and carbon dioxide to the atmosphere _____ our global temperature.
6. What gas is released by cars and industry and increases global temperature.
7. List four renewable resources and four nonrenewable resources.
8. How many feet are in one mile?
9. How many feet are in one yard?
10. The SI system is based on the number _____.
11. What are the basic units of measure in the metric system for length, volume and mass?
12. What are the boiling and freezing points for Fahrenheit and Celsius?
13. What is the correct order for the scientific method?

14. What determines a stars life cycle?

15. What is a main sequence star?

16. Draw the electromagnetic spectrum below and label the waves discussed in class.

17. Put the colors of the visible spectrum in order from longest to shortest wavelength.