

Scientific Skills Vocabulary Terms

1. _____ Set of steps used to solve problems or answer questions in nature
2. _____ A possible explanation that can be tested
3. _____ The group in an experiment in which the independent variable is NOT changed so that the results can be used for comparison
4. _____ The variable that is being tested during an experiment
5. _____ The variable that is being measured and recorded during an experiment
6. _____ Information collected, recorded, and analyzed during an experiment
7. _____ An explanation about an event in nature that is supported by many separate observations and experiment
8. _____ Graph used when there is a change over time
9. _____ Graph used when comparing quantities
10. _____ Graph used when comparing percentages
11. _____ Anything that has mass and takes up space
12. _____ The amount of matter in a substance or object
13. _____ A measurement of the force of gravity on a mass
14. _____ The amount of space taken up by a substance or object
15. _____ The amount of mass per unit volume in a substance or object
16. _____ The volume displaced by an object when it is submerged in water is equal to the volume of that object.
17. _____ Metric prefix for 1,000
18. _____ Metric prefix for 100
19. _____ Metric prefix for 10
20. _____ Metric prefix for 1/10
21. _____ Metric prefix for 1/100
22. _____ Metric prefix for 1/1,000
23. _____ Base unit for length
24. _____ Base unit for mass
25. _____ Base unit for volume