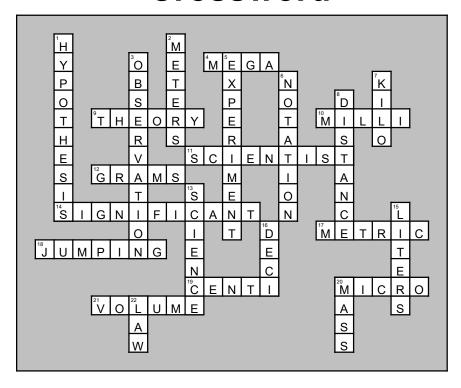
Crossword



Across

- 4. One million times a unit. In other words, 1,000,000 seconds equals one second.
- Establishes a recognizable pattern which can be repeated anywhere in which the conditions are the same. Provides an explanation for observations and can be modified.
- 10. One one-thousandth of a unit. In other words, you need 1000 ____liters to equal one liter.
- 11. The person who handles events or information according to proper observation, hypothesis, experimentation, theory and law.
- 12. Standard metric unit of mass.
- 14. ____ figures insure accuracy and precision of measurement. All numbers measured with a graduation on a tool are significant plus one estimate.
- 17. This system is used by every industrial country in the world due to its simplicity (one unit for each type of measurement) and units are multiples of ten.
- 18. When we skip steps in the scientific method, we are to conclusions.
- 19. 1/100th of a unit. In other words, you need 100 meters to equal one meter.
- 20. One one millionth of a unit. In other words, you need 1,000,000 ____meters to equal one meter.
- 21. The amount of space a substance occupies. A solid may be determined by L x W x H. An irregular solid volume can be determined using water displacement, and a liquid may be determined using a graduated cylinder.

Down

- An educated guess based on what was already observed. A possible solution to a problem without jumping to conclusions.
- 2. Standard metric unit of distance.
- 3. Uses the senses in which you ask questions, collect data and organize facts.
- 5. To test the hypothesis, collect more data and compile more facts for further study. Includes a variable, control and conclusion.
- Scientific ____ is used to express very large or very small numbers. A number is expressed as the product of a number between 1.0 and 9.9 and an exponent of ten.
- 7. One thousand times a unit. In other words, 1000 grams would equal one gram.
- 8. Measured in meters to determine how long, wide, deep or broad and object is. Dimensions of length, width, and height.
- 13. Knowledge gained through study or practice.
- 15. Standard metric unit of volume.
- 16. One tenth of a unit. In other words you need 10 degrees celsius to equal one degree celsius.
- 20. The amount of matter a substance contains. This never changes unless the substance changes. Measured in grams.
- 22. States a consistent, unchanging relationship between observed facts. Describes events in nature in which there are no exceptions under the same conditions.