Unit 1 Vocabulary Words

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| **Across****1.** Information describing color, odor, shape, or some other physical characteristic.**9.** the variable that a researcher actively manipulates, and which causes a change in the dependent variable.**10.** A ratio that compares two quantities measured in different units (example: miles per hour)**11.** The line that most closely approximates the data points plotted on a graph.**12.** All of the factors that remain the same in both the experimental group and the control group.**13.** In an experiment, the group exposed to the treatment (the IV is changed). | **Down****2.** An observation that is measurable such as amount, height, length, weight, etc.**3.** The research variable that is measured during an experiment; it changes in response to changes in the independent variable.**4.** In an experiment, the group not exposed to the treatment; contrasts with the experimental group and serves as a a comparison for evaluating the effect of the treatment.**5.** A graph that uses horizontal or vertical bars to display data.**6.** The steepness of a line on a graph, equal to its vertical change divided by its horizontal change.**7.** A testable prediction; possible answer to experimental question.**8.** A graph in which data pints are plotted and then joined by a best fit line. |