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Experimental Variables

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| **Across****4.** variables that are kept constant in each trial because they are not being studied.**7.** Any condition that may cause a change in the system being studied.**8.** Data recorded using adjectives: color, texture or species.**9.** Type of variable that is changed by the experiment in the design of the experiment.**10.** Variable that changes as a result of the change in the independent variable. | **Down****1.** Allow scientists to compare normal changes in organisms or samples with those that may have occurred because of treatment.**2.** Only one variable is changed to ensure that the effect of only that one variable can be measured.**3.** Another name for the dependent variable.**5.** Numerical data fall into this category.**6.** Another name for the independent variable. |