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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. |