

Science Vocabulary – week 2

communicating – the sharing of ideas and experimental findings with others through writing and speaking

conclusion – a summary of what you learned from an experiment

quantitative observation – observations that deal with a number or amount

qualitative observation - observations that deal with descriptions that cannot be expressed in numbers or amounts

controlled experiment – an experiment in which only one variable is manipulated, or changed, at a time

manipulated variable – the one variable that is purposely changed by the scientist to test a hypothesis

independent variable – also called the manipulated variable

responding variable – the factor that MAY change in response to the variable being tested

dependent variable – also called the responding variable

operational definition – a statement that describes how to measure a variable or define a term

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