Watch the video... Scientific variables

Control Variable

Everything you want to keep the same, "control". The factors you are **NOT** testing.

*Control group - the group you are comparing to.

Independent Variable

One thing you change. What IS being tested.

EXAMPLE

Does the amount of fertilizer affect how much a plant grows?

independent variable — dependent variable

Dependent Variable

The change that happens because of the independent variable. What you observe.

EXAMPLE

Does practice improve the amount of time it takes to finish a maze?

independent variable — dependent variable