

## Experimental Design Diagram

**Title:** *The effect of the IV on the DV.*

**Hypothesis:** *Relate what you think will occur to the DV as you change the level of IV (e.g., If the IV does this, then the DV will do this. Your educated guess as to the outcome of the experiment).*

**Independent Variable:** *Name the variable that you purposefully change during the experiment; include units. Indicate the levels of IV in the columns below.*

--	--	--	--	--

**Repeated Trials:** *How many data sets were collected; how many times was the experiment done?*

**Control:** *Note the experimental group used for comparison purposes.*

**Dependent Variable:** *Name the variable that responds to changes in the IV; include units.*

**Constants:** *List everything that was kept the same in the experiment. Remember—only the level of IV should change.*

