

Science Fair: Hypothesis and Variables

Due by Friday, 9/25.

Hypothesis: write out your educated prediction – what do you think will happen for your Science Fair Project? You must support your prediction with your background research.

If _____,
then _____,
because background research says that _____.

Example: If salt is added to water, then the egg will float in the cup with the most salt, because background research says that the salt makes the water more dense.

Variables: write out your variables for your Science Fair project.

Independent Variable: _____

Dependent Variable: _____

Constants: _____

Control Group: _____

Independent variable: what you are changing between the different groups

Dependent variable: what you are measuring

Constants: what is being kept the same for all the different groups

Control Group: the normal group