**Investigation Planning Template**

**Question**

How does **X:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ affect **Y:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ?

 

**Control variables**

*Anything else that likely affects Y?*

*How to make them the same between different trials?*

*Anything that cannot be controlled?*

**Prediction**

*What do you predict how X affects? Explain the theory supporting your prediction.*

*How to change/manipulate the independent variable(s)?*

**Independent variable(s)**

*How to measure the dependent variable(s)?*

**Dependent variable(s)**



*Is it the best way to measure Y?*

*Any other ways?*

*Need repeated measurements?*