

A **Prediction** is an expected outcome of an investigation, based upon prior knowledge. Some predictions are hypotheses. The **Hypothesis** describes the predicted relationship between the independent and dependent variables.

## **Power of Prediction**

Revisiting predictions is a good opportunity to promote risk-taking in your classroom, especially if your investigation yields a result that differs from the prediction. Explain that the reason we do investigations is to learn, and remind students that scientists make incorrect predictions and mistakes all the time. That is how they learn and move their science forward.