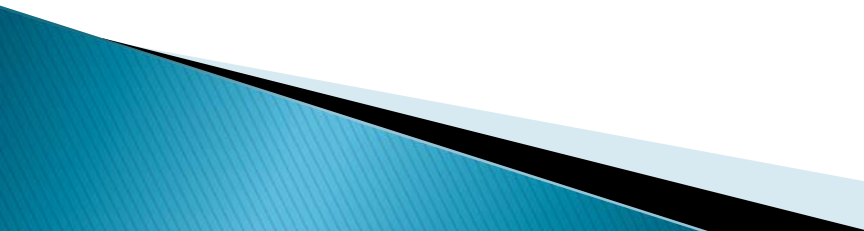


The Scientific Method

- ▶ Observe an event or think of a **question**
 - ▶ Do some **research**, has this been answered before?
 - ▶ Develop a model (**hypothesis**) that makes a prediction
 - ▶ **Test** the prediction by experiment
 - ▶ Observe and **analyze the results**
 - ▶ **Revise** the hypothesis and **retest**
 - ▶ A successful hypothesis becomes a **scientific theory**
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Flow Chart

