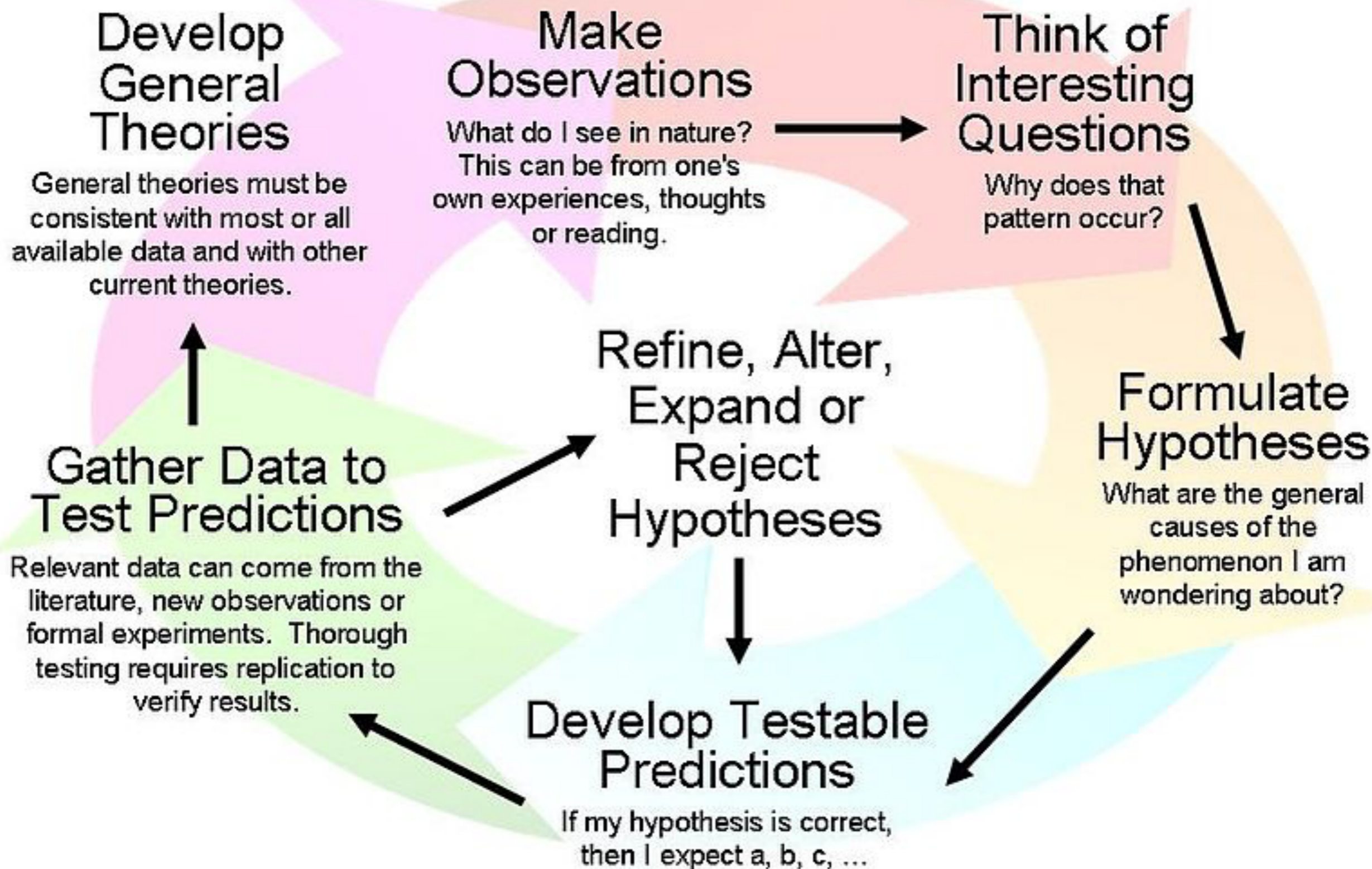


Scientific Method

The Scientific Method as an Ongoing Process



Two Types of Observations

- * **Qualitative:** Based on non-numerical observations (colour, state, shape)

Two Types of Observations

- * **Quantitative: Based on numerical observations (mass, length, volume)**

Observations

- * Observations should be objective
- * Observations should be as accurate as possible.
- * Observations should be concise
- * An outlier is an irregular result. Anomalies should not be ignored. There must be a logical explanation for an anomalous event. Investigating an anomaly often increases our knowledge and adds to our understanding of nature.