

# Qualities of a "Good" Model

- ❑ The model visually represents a phenomenon and includes **LABELS** to identify important components.
- ❑ Representations include **BOTH OBSERVABLE** and **UNOBSERVABLE** features/events/processes.
- ❑ The model includes **DESCRIPTIONS** that help explain how and/or why the phenomenon happened.
  - First...
  - But...
  - Because...
  - Then...
  - So...
  - Therefore...
  - Meanwhile...
  - And...
  - Finally...
  - Questions we still have...
- ❑ Descriptions should include **EVIDENCE** from direct observations to support the accuracy of your model.
- ❑ Models should be **REVISED** over time as we gather new evidence from our investigations.