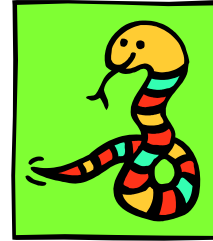
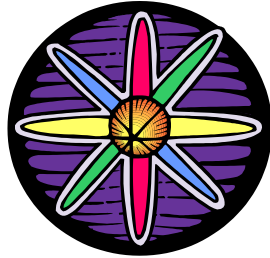


Unifying Concepts



Properties, Patterns, and Models

All systems have basic properties that can be described in terms of space, time, energy, and matter.

Patterns inform us and help us to predict what will happen next and can change over time.

Models of objects and events are tools for understanding the natural world and can show how systems work.

1. What properties did you observe during your investigation?
2. What patterns did you observe?
3. How are properties and patterns used in constructing models?
4. Why do we construct models?
5. How are models similar to or different from the natural world?