

What do you notice?

Patterns

What happens in the system?

Systems
System Models

Energy Matter Scale Proportion Quantity Stability Change

How does it work?

Cause & Effect

Structure Function

What do you wonder?

Asking Questions

What is happening?

Phenomenon
Observable events in the real world

What do you think?

Constructing Explanations

Developing and Using Models Mathematics Computational Thinking

How do you know?

Engaging in Argument from Evidence

Analyzing and Interpreting Data Obtaining, Evaluating and Communicating Information

How do you investigate?

Planning and Carrying Out Investigations

Inquiry Cycle

