

All Grades

CC Patterns CCP1

A Observed patterns in nature guide organization and classification and prompt questions about relationships and causes underlying them CCP1A

CC Cause and Effect CCCE2

A Events have causes, sometimes simple, sometimes multifaceted. Deciphering causal relationships, and the mechanisms by which they are mediated, is a major activity of science and engineering. CCCE2A

CC Scale, Proportion, and Quantity CCSPQ3

A In considering phenomena, it is critical to recognize what is relevant at different size, time, and energy scales, and to recognize proportional relationships between different quantities as scales change. CCSPQ3A

CC System and Systems Models CCSSM4

A A system is an organized group of related objects or components; models can be used for understanding and predicting the behavior of systems. CCSSM4A

CC Energy and Matter CCEM5

A Tracking energy and matter flows, into, out of, and within systems helps one understand their system's behavior. CCEM5A

CC Structure and Function CCSF6

A The way an object is shaped or structured determines many of its properties and functions. CCSF6A

CC Stability and Change CCSC7

A For both designed and natural systems, conditions that affect stability and factors that control rates of change are critical elements to consider and understand. CCSC7A