The flowchart below is designed to encourage focus on phenomena to help guide the selection of three dimensions to integrate during instruction. Phenomenon is defined as an observable event that can be explained or explored using scientific practices, ideas, and concepts (the 3-dimensions).

AZ Science Standard

Core Ideas of Knowing & Using

What phenomenon can be explained using the core ideas?

Phenomenon

How will students interact with the phenomenon?

Science & Engineering Practice

What “lens” will students use to think about the phenomenon?

Crosscutting Concept

Source: Adapted for the Arizona Science Standards from “Designing Phenomena-Based Instruction” from NSTA: [Link to Designing Phenomena-Based Instruction](updated 10/9/19)