



Nebraska's College and Career Ready Standards for Science Implementation Toolkit | #nebsci

Stage 1 Resources | Exploration

Educators and district leaders are beginning to learn and become familiar with Nebraska's College and Career Ready Standards for Science.

Outcomes might include...

<p>Conceptual Shifts and Their Implications</p> <p>1. Describe the instructional shifts (innovations) of Nebraska's College and Career Ready Standards for Science and discuss implications for teaching and learning</p>	<ul style="list-style-type: none"> ⊕ Development of Nebraska's College and Career Ready Standards for Science ⊕ Conceptual Shifts (used to develop NE prioritized instructional shifts) ⊕ Nebraska's Prioritized Instructional Shifts ⊕ What's Different and Why Does it Matter?
<p>The Three Dimensions</p> <p>2. Identify the three dimensions of the standards</p>	<ul style="list-style-type: none"> ⊕ Intro to 3-D Video ⊕ 3D Sorting Cards ⊕ Deeper Dive: Each of the 3 Dimensions ⊕ Introduction PowerPoint ⊕ Video Library
<p>Making Sense of Phenomena</p> <p>3. Explain how the three dimensions help students make sense of phenomena</p>	<ul style="list-style-type: none"> ⊕ What are Phenomena? ⊕ Qualities of a Good Anchor Phenomenon ⊕ Anchoring Phenomena Learned Lessons ⊕ Phenomena Bank #1, #2, & #3
<p>Anatomy of a Standard</p> <p>4. Explain the anatomy and architecture of the indicators and the purpose for each part</p>	<ul style="list-style-type: none"> ⊕ Introduction PowerPoint (slides 45-47) ⊕ Access the Standards Here ⊕ Understanding the NGSS
<p>Identify Indicators of a Successful Program</p> <p>5. Identify important indicators of successful implementation of the standards</p>	<ul style="list-style-type: none"> ⊕ NE Implementation Plan ⊕ District Implementation Indicators
<p>Resources for Further Study</p> <p>6. Identify NGSS resources for further study and information</p>	<ul style="list-style-type: none"> ⊕ A Framework for K-12 Science ⊕ DCIs: Reshaping Teaching and Learning ⊕ SEPs: Helping Students Make Sense of Phenomena ⊕ Necessary Stepping Stones Towards Making Sense of the World ⊕ NGSS Demystified