

3-DIMENSIONAL INSTRUCTIONAL RESOURCES- AZ SCIENCE STANDARDS

[Science Standards Page](#) | [Science Resource Page](#) | [STEM Resource Page](#) | [Science & STEM Webinars](#)

Important note: The ADE acknowledges that the acronym “NGSS” is consistently used throughout science resources. To avoid confusion, we want to ensure the community understands that Arizona is not considered an “NGSS” state. To further clarify, AzSS and the NGSS were both designed using the research document, A Framework for K-12 Science Education. Both sets of standards include a strong focus on three-dimensional instruction, which includes: Science and Engineering Practices, Crosscutting Concepts, and Core Ideas. The major difference between the AzSS and the NGSS is that Arizona used an additional research document, Working with Big Ideas of Science Education, in the development of the Core Ideas of Knowing and Using Science.

1 of 3 DIMENSIONS- CROSSCUTTING CONCEPTS

Resources Used in Webinar- Crosscutting Concepts (1 of 3 Dimensions)

[Arizona Vertical Progression of Crosscutting Concepts](#)

[Crosscutting Symbols](#)

[#Going3Dw/GRC Crosscutting Concepts](#)

[California Academy of Science – Educator Resources](#)

[STEM Teaching Tool #21 Crosscutting Concepts](#)

[Bozeman Science Crosscutting Concepts Videos](#)

[Bozeman Science Videos on Crosscutting Concepts](#)

Additional Crosscutting Concepts Resources

[STEM Teaching Tool #41- Prompts for Integrating Crosscutting Concepts into Assessment and Instruction](#)

[NSTA Crosscutting Concepts Sentence Starters](#)