

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.

3-DIMENSIONAL ASSESSMENT

[Page Keeley's 138 FACTs \(Formative Classroom Assessment Techniques\)](#)

[Assessment Design Protocol- The Wonder of Science](#)

[3-D Assessment Screening Tool- The Wonder of Science](#)

[STEM Teaching Tool #16- The Informal Formative Assessment Cycle as a Model for Teacher Practice](#)

[STEM Teaching Tool #29- Steps to Designing a Three Dimensional Assessment](#)

[STEM Teaching Tool #30- Integrating Science Practices into Assessment Tasks](#)

[STEM Teaching Tool #33- How to Design Assessments for Emerging Bilingual Students](#)

[STEM Teaching Tool #34- Designing an Assessment System that Measures Three-Dimensional Science Learning](#)