

Phenomena-Based 3-Dimensional Instruction- RESOURCE PAGE

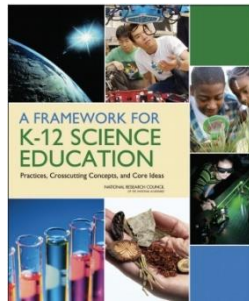
Facilitator Contact Information:

Rebecca Garelli | K-12 Science & STEM Specialist | Arizona Department of Education

Rebecca.garelli@azed.gov | 602.364.2356

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

RESEARCH USED TO DEVELOP THE AZ SCIENCE STANDARDS



[Link to PDF version of Framework](#)



[Link to PDF version of Big Ideas](#)

Video #1	NGSS: A vision for K-12 Science Education
Video #2	Scientific Phenomenon and Sensemaking
Reference Doc #1	New Vision for Science Education
Reference Doc #2	Introduction-Page 2 of Standards Document
Reference Doc #3	Shifts in Thinking About Phenomena
Reference Doc #4	Designing Phenomena-Based Instruction
Lessons that Use Phenomena	#Going3Dw/GRC

RESOURCES TO FIND POSSIBLE PHENOMENA

Phenomena for NGSS	https://www.ngssphenomena.com/
Project Phenomena	https://sites.google.com/site/sciencephenomena/
The Wonder of Science	https://thewonderofscience.com/phenomena/
Project SING Phenomena	http://questlc.org/phenomena/#phenomena

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