

# 3-DIMENSIONAL INSTRUCTIONAL RESOURCES- AZ SCIENCE STANDARDS

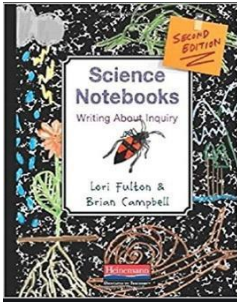
[Science Standards Page](#) | [Science Resource Page](#) | [STEM Resource Page](#) | [Science & STEM Webinars](#)

**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.

## 5-E MODEL & SCIENCE NOTEBOOKS

### Resources Used in Webinar- 5-E Instructional Model & Science Notebooks

[5-E Instructional Model and Science Notebooks Recorded Webinar](#) | [PDF](#) | [Resource Page](#)

Video #1	<a href="#">NGSS: A vision for K-12 Science Education</a>
Video #2	<a href="#">5E Lesson Model for Teaching Inquiry Science</a>
Video of 6 <sup>th</sup> Grade Notebook	<a href="#">Quick video of a Sample 5-E Notebook</a>
Reference Doc #1	<a href="#">New Vision for Science Education- Less of...More of</a>
Reference Doc #2	<a href="#">5E Labeled Notebook Components</a>
Reference Doc #3	<a href="#">BSCS 5E Instructional Model</a>
Reference Doc #4	<a href="#">BSCS Teacher vs. Student</a>
Reference Doc #5	<a href="#">Science Notebooks as Learning Tools Article</a>
	<p><b>Recommended Book:</b></p> <p><i>Science Notebooks, Second Edition, Writing About Inquiry</i> by Lori Fulton and Brian Campbell</p>

### Additional Science Notebook Resources

[The BSCS 5E Instructional Model – Article](#)

[5 Reasons to Use Science Notebooks](#)

[Science Notebooks as Learning Tools Article from Science and Children](#)

[California Academy of Sciences Science Notebook Corner](#)