

Exploring the Intersection of the Next Generation Science Standards and Common Core State Standards

The Next Generation Science Standards (NGSS) and the Common Core State Standards (CCSS) are two major sets of education standards that have been adopted by the majority of states in the United States.



Literacy for Science: Exploring the Intersection of the Next Generation Science Standards and Common Core for ELA Standards: A Workshop Summary

by Catherine Douglass

★★★★☆ 4.7 out of 5

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Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 160 pages
X-Ray for textbooks : Enabled



The NGSS are a set of science standards that emphasize inquiry-based learning, hands-on activities, and real-world applications. The CCSS are a set of English language arts and mathematics standards that emphasize critical thinking, problem-solving, and communication skills.

There is a great deal of overlap between the NGSS and the CCSS. Both sets of standards emphasize the importance of inquiry, critical thinking, and problem-solving. Both sets of standards also call for students to use evidence to support their claims, communicate their ideas effectively, and apply their knowledge to new situations.

The intersection of the NGSS and the CCSS provides a unique opportunity to improve science education in the United States. By aligning science instruction with the CCSS, teachers can help students develop the critical thinking, problem-solving, and communication skills they need to succeed in school and beyond.

There are a number of ways to align science instruction with the CCSS.

- Use inquiry-based learning activities that allow students to explore science concepts firsthand.
- Incorporate hands-on activities into science lessons that allow students to apply their knowledge.
- Connect science concepts to real-world applications that show students how science is used in the world around them.
- Use evidence-based instruction that requires students to support their claims with evidence from scientific sources.
- Provide opportunities for students to communicate their ideas about science through writing, speaking, and multimedia presentations.

By aligning science instruction with the CCSS, teachers can help students develop the critical thinking, problem-solving, and communication skills they need to succeed in school and beyond.

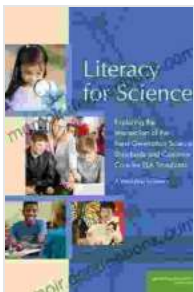
Benefits of Aligning Science Instruction with the CCSS

There are a number of benefits to aligning science instruction with the CCSS:

- Students develop critical thinking skills.
- Students develop problem-solving skills.
- Students develop communication skills.
- Students are better prepared for college and careers.
- Students are better able to apply their knowledge to new situations.

Aligning science instruction with the CCSS is a powerful way to improve science education in the United States. By ng so, teachers can help students develop the skills they need to succeed in school and beyond.

The NGSS and the CCSS are two major sets of education standards that have the potential to transform education in the United States. By aligning science instruction with the CCSS, teachers can help students develop the critical thinking, problem-solving, and communication skills they need to succeed in school and beyond.



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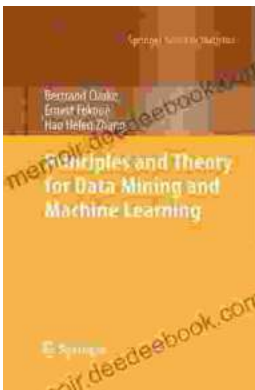
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