

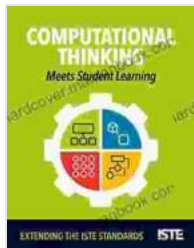
# Extending the ISTE Standards: A Comprehensive Guide for Educators

The International Society for Technology in Education (ISTE) Standards are a set of guidelines that help educators integrate technology into their teaching and learning practices. The standards are organized into six categories:

- **Empowered Learner:** Students leverage technology to take an active role in their own learning.
- **Digital Citizen:** Students understand the responsible use of technology and its impact on society.
- **Knowledge Constructor:** Students use technology to investigate and construct knowledge.
- **Innovative Designer:** Students use technology to design and create innovative solutions.
- **Computational Thinker:** Students develop computational thinking skills to solve problems and create artifacts.
- **Effective Communicator:** Students use technology to communicate and collaborate with others.

The ISTE Standards are a valuable resource for educators who want to use technology to improve student learning. However, the standards can also be limiting. They do not always address the specific needs of individual classrooms or students. Additionally, the standards can be difficult to implement in schools that have limited resources or support.

Extending the ISTE Standards can help educators overcome these challenges. By extending the standards, educators can create a more customized and effective learning experience for their students.



## Computational Thinking Meets Student Learning: Extending the ISTE Standards by Kiki Prottzman

★ ★ ★ ★ ☆ 4.7 out of 5

Language	: English
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Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
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There are many benefits to extending the ISTE Standards. These benefits include:

- **Increased flexibility:** Extending the standards allows educators to tailor the standards to the specific needs of their classrooms or students.
- **Improved relevance:** By adding local or state standards, educators can make the standards more relevant to their students' lives.
- **Enhanced rigor:** Extending the standards can help educators challenge their students and prepare them for the 21st century workforce.
- **Increased support:** By involving stakeholders in the extension process, educators can build support for the standards and their

implementation.

There are also some challenges associated with extending the ISTE Standards. These challenges include:

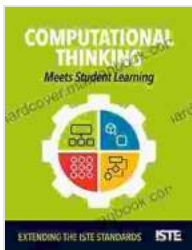
- **Time constraints:** Extending the standards can be a time-consuming process.
- **Lack of resources:** Educators may not have the resources or support they need to extend the standards.
- **Resistance to change:** Some educators may be resistant to changing their teaching practices.
- **Unintended consequences:** Extending the standards can have unintended consequences, such as narrowing the curriculum or increasing student workload.

There are a few best practices that educators can follow when extending the ISTE Standards. These best practices include:

- **Start small:** Don't try to extend the standards all at once. Start by focusing on one or two areas that you would like to improve.
- **Involve stakeholders:** Get input from students, parents, and administrators before you extend the standards. This will help you create a more customized and effective learning experience.
- **Use a variety of resources:** There are a variety of resources available to help educators extend the standards. These resources include online tools, professional development opportunities, and curriculum materials.

- **Monitor and evaluate your progress:** Once you have implemented your extensions, monitor and evaluate your progress. This will help you identify areas that need improvement.

Extending the ISTE Standards can be a valuable way to improve student learning. However, it is important to be aware of the challenges associated with this process. By following the best practices outlined in this guide, educators can overcome these challenges and create a more customized and effective learning experience for their students.



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