Introduction to ISTE Standards for Educators
Online Course Syllabus

Course Description

The goals of this course are to increase awareness of the ISTE Educator Standards and Indicators and understand how they are applied to professional practice. Participants in this course are encouraged to make connections between the indicators, standards, and digital tools or strategies for classroom application as well as reflect on their own professional practice.

The course is divided into nine modules (or sections), each focusing on the following:

- **Introducing the ISTE Standards for Educators -** What are the Standards and indicators? What are the challenges of practice that they can support? How can they be applied to support teaching and learning?
- **Learner** - How is technology reflected in your professional learning goals? How do you actively participate in local and global digital networks? How do you stay up to date on trends and research?
- **Leader** - How do you support the edtech vision of your organization? How do you advocate for equitable access to technology? How do you model for colleagues' new digital resources?
- **Citizen** - How do you build empathy and social responsibility into your lessons? What frameworks do you use to teach students to critically evaluate online resources, avoid fake news or check for bias and reliability? How do you mentor students in safe, ethical and legal practices while respecting intellectual property, fair use and copyright? Where do you model protection of digital identity and student data privacy?
- **Collaborator** - How do you use technology to collaborate? Have you ever co-learned with students about a new tool? What were the challenges or successes? How might you use a virtual connection to connect or collaborate for teaching or learning? How can edtech remove cultural barriers or improve teaching and learning? What tools might you use to assist students in their learning where language, reading, level or other challenge is present?
- **Designer** - How do you use technology to personalize learning? Describe a content area lesson that embeds digital tools and resources. Do you have a "face of your classroom?" Describe your digital learning environment.
- **Facilitator** - How do students take ownership of their own learning goals? How do you manage students in digital platforms, virtual environments or in hands-on makerspaces in the field? How might you use design thinking or computational thinking frameworks in your own classroom? How do you model and nurture creativity in your classroom?
- **Analyst** - How do you provide choice on how students demonstrate competency? How do you personalize the learning or provide options for student agency, voice and choice? How do you use formative and summative assessments to provide feedback and inform instruction? How do you help students to monitor their own progress?
- **Wrap-Up** - What connections can you see between the Educator Standards and your instructional practice? What connections can you make between the standards and student learning experiences? How might your application of the standards help you to transform teaching and learning? How can you dig deeper into the ISTE Standards?

Course Structure

This course consists of nine modules including a Self-Reflection Guide. Each module includes an overview of the Standard and indicators, as well as an opportunity to explore how the ISTE Standards can be used to address challenges of practice. Scenarios and resources are provided to help better understand and apply these Standards and indicators. In addition, each module includes an opportunity for you to see the Standards in Action, as well as some spotlighted examples of digital tools and strategies. You are asked to self-reflect during each module to consider how this Standard and the indicators can apply to your own professional practice as well as complete the Knowledge Check before moving on.

Course Goals and Outcomes

By the end of this course, the goal is that you will be able to understand how the ISTE Standards and indicators can inform instructional practice, be used to approach problems of practice and strengthen student learning experiences, and transform teaching and learning.

Participant Profile

This ISTE Standards for Educators course is designed for K-12 education audiences seeking solutions and guidance on challenges to professional practice and digital age teaching and learning.

The course is designed and developed around the [ISTE Standards for Educators](#), with connections to the [ISTE Standards for Students.](#)

Module Descriptions

MODULE 1: INTRODUCTION TO STANDARDS
In this module, we will begin by thinking about how the ISTE Standards guide you to the answer to the question, "What's My Why?" As you move through the overview of the seven Standards, we encourage you to be thinking about your own challenges, successes, and hopes for transforming your own professional practice.

MODULE 2: LEARNER
This module will explore the Learner standard where educators continually improve their professional practice by learning. Learning occurs in a variety of ways, from and with others. A Learner explores proven and promising practices that leverage technology to improve student

learning. You will explore professional learning goals, local and global digital networks, and research based practices.

MODULE 3: LEADER

In this module, you will be exploring the Leader standard. Leaders are educators who seek out opportunities for leadership, support student empowerment and success, and work to improve teaching and learning. Sharing an EdTech vision, advocating for equitable access, and modeling digital tools and resources for colleagues are part of this Standard.

MODULE 4: CITIZEN

In this module, you will explore how the Citizen standard can guide us in teaching students to use technology and the internet in a safe and appropriate manner. As you explore the four indicators of this standard, you will see how to model positive, empathetic and accountable conversations while online as well as respect for intellectual property and fair use. You will also dig into critical evaluation of online resources, data privacy considerations and the role of our digital footprint.

MODULE 5: COLLABORATOR

This module will explore the Collaborator standard. This standard is about communicating, collaborating and connecting using technology. Educators dedicate time to collaborate with both colleagues and students to improve practice. The Collaborator not only shares ideas and resources, but also helps to solve problems.

MODULE 6: DESIGNER

Module 6 is all about the Designer standard. As a Designer, educators design authentic, learner-driven activities. A Designer builds a robust digital learning environment with innovative applications of the content area standards. This standard reminds us to be mindful of learner variability when creating lessons and consider ways to differentiate, embrace the Universal Design for Learning framework and accommodate struggling students.

MODULE 7: FACILITATOR

In Module 7 you will be exploring the Facilitator standard. In this standard, educators facilitate learning with technology to support the achievement of the ISTE Standards for Students. With so many opportunities to use technology in teaching and learning, Facilitators dig into a variety of innovative learning environments where students are empowered to design, compute and create.

MODULE 8: ANALYST

Module 8 will explore the Analyst standard, where educators understand and use data to drive instruction. The Analyst engages in conversations around data to make changes and plan for improvement. The Analyst also builds in opportunities for students to use data to track their own progress toward meeting their goals.

MODULE 9: WRAP UP

Module 9 is the culmination of a journey to discover how the ISTE Standards for Educators can support you in your professional practice. This module will review the seven standards and ask you to think critically about your own application of the indicators. You will revisit your Reflection Guide, the scenarios, and the Educator Standards to begin thinking about how you will apply your professional learning.

Completion Criteria

To receive the certificate of completion, you must complete the Self-Reflection document and attain a passing score on the Knowledge Checks.

Disclaimers

This course is developed with support from Google and is a production of the International Society for Technology in Education (ISTE). This course contains examples and resource materials that are provided for participants' convenience and information. The inclusion of any material is not intended to endorse any views expressed, or products or services offered. These materials may contain the views and recommendations of various subject matter experts as well as hypertext links, and websites to information created and maintained by other public and private organizations. The opinions expressed in any of these materials do not necessarily reflect the positions or policies of ISTE. ISTE does not control or guarantee the accuracy, relevance, timeliness, or completeness of any outside information included in these materials.

NOTE: A variety of applications are highlighted throughout this course. Prior to using any of them with students, it is imperative that participants check the account requirements for each application against their school/district student data privacy policy to ensure the application complies with district policy. In addition, some applications' Terms of Service may require parental permission to be COPPA and FERPA compliant for students younger than 13 years of age.

Content in this course is subject to change at instructor's or ISTE's discretion.