



ISTE Seal Review Findings Report

**Curso Rutas
Formativas
Santillana**

2025



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ABOUT

ABOUT ISTE

The International Society for Technology in Education (ISTE) is home to a community of global educators and solution providers who are passionate about using technology to revolutionize learning. Our vision is to create a bold community where education innovators are supported in reimagining and redesigning learning with a focus on using technology to create transformational and equitable experiences for learners. We're making this vision a reality by delivering practical guidance, evidence-based professional learning, virtual networks, thought-provoking events and the ISTE Standards.

ISTE SEAL

The ISTE Seal serves as a mark of high-quality product design for solutions that enable and guide high-quality learning. By choosing to demonstrate their commitment to supporting best practices for teaching and learning, these products show a purposeful and meaningful dedication to practical usability, digital pedagogical implementation, and the ISTE Standards. With a focus on user experience, product usability, and the most essential elements of instructional technology today, the ISTE Seal provides a set of criteria and simple indicators to guide educators, students, and technology directors toward the very best products on the market.

ISTE awards a seal only after an extensive analysis conducted by trained ISTE reviewers that ensures a product meets all critical elements under specific review criteria.



By earning an ISTE Seal, ISTE verifies that this product:

- Promotes critical technology skills.
- Supports the use of technology in appropriate ways.
- Incorporates digital pedagogy and the learning sciences.
- Addresses key elements of tech usability, user experience and user interface.
- Aligns to ISTE Standards in specific ways.



RESOURCE DESCRIPTION

WHAT IS *Curso Rutas Formativas*?

Rutas Formativas is an online course designed to empower educators with the knowledge and skills to integrate technology into their teaching practice effectively. Through seven interactive modules, collaborative activities, and practical application exercises, educators develop competencies in digital-age teaching and learning. This course is for educators who work in Santillana schools adopting the ISTE standards.

HOW IS *Curso Rutas Formativas* IMPLEMENTED?

Rutas Formativas provides a flexible, scaffolded approach to professional learning. The course presents educators with real-world scenarios where they apply ISTE Standards to solve practical challenges. Through diverse evaluation methods, learners receive feedback as they put the standards into practice. Regular reflection opportunities help teachers track their progress and adjust learning goals. The course structure includes seven "learning episodes" or modules, each focused on a specific ISTE Standard. These modules combine instructional content, practical case studies, key concepts, and assessments. Upon completion, learners receive certification.



ISTE SEAL REVIEW

Product: Curso Rutas Formativas

Product Type: Professional Development

Organization: Santillana

Date of Award: February 2025

REVIEW METHODOLOGY

ISTE Seal reviews are conducted by a distinguished panel of experts in education, instruction, and technology. These experts utilize the most up-to-date data provided by the organization to conduct thorough evaluations of each solution. The evaluations focus on assessing the solution's performance in addressing specific elements outlined in the technical and pedagogical usability framework and the ISTE Standards.

To complete their rigorous evaluations, the reviewers utilize a comprehensive rating system, categorizing each solution as either "meets expectations" or "does not meet expectations." This assessment covers both the required and optional "Look Fors" outlined in the application. To ensure the validity and reliability of their results, the reviewers regularly engage in calibrations. Final review findings are then analyzed and combined, providing an overall score for alignment with each indicator.

At ISTE, we take great pride in our unwavering commitment to delivering results that schools and districts can have full confidence in. To be deemed education-ready learning solutions, products must meet the high standards in learning sciences, user experience and interface, accessibility, and content quality.



SCOPE OF REVIEW

Curso Rutas Formativas was reviewed against the technical, pedagogical usability framework and the ISTE Standards to determine whether **the solution is education-ready**. ISTE reviewers examined all evidence provided by the organization and interacted directly with the product.

REVIEW FINDINGS

ISTE STANDARDS: The ISTE Standards provide the competencies for learning, teaching, and leading in the digital age, providing a comprehensive roadmap for the effective use of technology in schools worldwide. Grounded in learning science research and based on practitioner experience, the ISTE Standards ensure that using technology for learning can create high-impact, sustainable, scalable, and equitable learning experiences for all learners.

Learner 2.1.c

Stay current with research that supports improved student learning outcomes, including findings from the learning sciences.


Collaborator 2.4.b

Collaborate and co-learn with students to discover and use new digital resources, and diagnose and troubleshoot technology issues.

Designer 2.5.a & 2.5.c

Use technology to create, adapt and personalize learning experiences that foster independent learning and accommodate learner differences and needs. Educators apply evidence-based instructional design principles to create innovative and equitable digital learning environments that support learning.




<p>Facilitator 2.6.a Foster a culture where students take ownership of their learning goals and outcomes in both independent and group settings.</p>	
<p>Analyst 2.7.a Provide alternative ways for students to demonstrate competency and reflect on their learning using technology.</p>	
FEEDBACK	OUTCOME
<ul style="list-style-type: none"> • The course provides opportunities for educators to explore academic networks and publications, helping them stay up-to-date with research, outcomes, and findings from the learning sciences. • The Collaborator Standard module provides valuable insights into common problems and solutions related to technology use, encouraging collaboration among educators and students. • The platform guides educators through creating personalized learning pathways that accommodate diverse learning needs. • The content offers an opportunity to explore key instructional design principles and how they can be applied to create engaging digital learning environments. • The Facilitator Standard module introduces key concepts such as Project-Based Learning, blended 	




<p>learning, gamification, and computational thinking, which are essential for helping educators facilitate a culture of student ownership over learning objectives and outcomes.</p> <ul style="list-style-type: none"> Regular assessment and feedback mechanisms help measure the impact of professional learning on classroom practice. 	
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DIMENSION 1: USER INTERFACE AND AGENCY

Definition: The design of the product interface and user experience helps the learner quickly and reliably achieve professional growth goals. This dimension includes features related to interface design, learnability, navigation, maximizing time on task, control over actions, and general usability.

FEEDBACK	OUTCOME
<ul style="list-style-type: none"> The Navigation menu is easy to locate and use, with clear titles that effectively describe key areas and functions of the platform. Tutorials guide users through key features and functionality during initial onboarding. A search function within the course content allows users to locate specific topics or sections, with the option to search via the left-side menu or a "Go To" section at the bottom of the page. 	




<ul style="list-style-type: none"> • Technical support is easily found on the top banner, and the user guide is detailed, interactive, and easy to follow. 	
<p>DIMENSION 2: LEARNING DESIGN</p> <p>Definition: The product has features that exhibit and promote the design and customization of learning episodes in ways that align with research-based best practices, including those rooted in the learning sciences.</p>	
<p>FEEDBACK</p>	<p>OUTCOME</p>
<ul style="list-style-type: none"> • Each module includes a specific space where educators can set goals and reflect on their practice related to each standard. • The content and activities are well-suited in length and depth for educators, ensuring relevance and engagement. • The product incorporates various multimedia content, including narrated videos, audio, images, graphics, and curated links, all of which reinforce and deepen understanding of the course material. • The case studies provided are concrete examples of implementing the ISTE Standards, effectively illustrating key concepts and instructional takeaways. 	



DIMENSION 3: DIGITAL ANDRAGOGY

Definition: The product is designed to support the development of professional digital learning capabilities, knowledge, and skills. This dimension focuses on how technology can help educators and coaches create the best possible learning experiences, including the social and learning affordances that digital professional development products uniquely offer.


FEEDBACK	OUTCOME
<ul style="list-style-type: none"> • Educators can adapt existing materials to suit their contexts or to apply insights from the case studies directly to their practice. • The product includes activities that promote safe and ethical online behavior, intellectual property awareness, and digital identity management. • The product’s practical case studies encourage educators to engage in solution design by presenting a problem or context, guiding steps, and reflective questions. 	

DIMENSION 4: INCLUSIVITY

Definition: The product helps coaches provide scenarios and real-world examples so that educators can provide relevant learning experiences for interactions with people from many cultures, backgrounds, and abilities. Also creates and supports learner motivation and agency in the learning process.

FEEDBACK	OUTCOME
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<ul style="list-style-type: none"> • The product's videos, images, and examples include various people in both lay and professional contexts, demonstrating diversity in gender, race, and ethnicity. • Throughout the course, examples showcase educators and classrooms in several Hispanic and Latin American countries, reflecting diverse settings, including rural and urban areas. • Activities and practical case studies facilitate perspective-taking, providing opportunities for educators to explore different viewpoints and engage in self-reflection. • The Leader Module addresses the importance of equitable access, advocating for the support of learners who face disadvantages, and highlights efforts to bridge the digital divide. 	
<p>DIMENSION 5: ASSESSMENT AND DATA</p> <p>Definition: The product uses formative classroom observations, self-assessments, and/or educator data – informs learning experiences that help make visible what the educators know and don't yet know – to generate data that informs coaches and facilitators about teacher knowledge and skill gaps, and provide teacher assessment feedback that is specific, actionable, and constructive. As such, it guides coaches' instructional decisions and educators' learning journeys.</p>	
<p>FEEDBACK</p>	<p>OUTCOME</p>



- The assessments are well-aligned with the learning objectives and content, making clear connections between what is being taught and assessed.
- The product offers a variety of auto-scored assessment types, including multiple-choice, matching, and fill-in-the-blank questions.
- Platform-provided feedback includes recommendations to address knowledge gaps and improve understanding.
- Educators can access clear and informative reports on the analytical dashboard, filterable by student, date, and assignment.



CONCLUSION

Curso Rutas Formativas combines academic research with practical classroom applications to support educator growth. The platform provides concrete examples through case studies that showcase ISTE Standards implementation across Latin American educational settings. Each module creates space for educators to set meaningful goals and reflect on their practice, helping them apply their learning in the classroom.

The platform's user-friendly design supports educator success. Clear navigation, accessible technical support, and interactive tutorials help users focus on their professional growth. The variety of multimedia content accommodates different learning preferences while modeling effective digital instruction.

What sets Rutas Formativas apart is its commitment to diverse perspectives and cultural contexts. This representation, combined with practical case studies that encourage perspective-taking and self-reflection, helps educators develop more inclusive and equitable teaching practices. The platform's analytical dashboard provides detailed insights into educator progress, while auto-scored assessments offer immediate, actionable feedback. Through its comprehensive approach to professional learning, Curso Rutas Formativas equips educators with the knowledge and tools to create engaging digital learning environments that serve all students.