ISTE Seal Review Findings Report

Singapore Student Learning Space

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 *Singapore Student Learning Space*?

Singapore Student Learning Space (SLS) serves as the Singapore Ministry of Education's (MOE) comprehensive platform for teaching and learning, representing a key initiative in transforming educational experiences through purposeful technology integration. The platform serves as a one-stop hub designed to deepen learning, enhance teaching practices, and maintain a lean and adaptable architecture.

Built on three core pillars, SLS supports deeper learning by providing MOE-aligned resources across formal curriculum areas and 21st-century competencies development, alongside opportunities for collaborative and self-directed learning. The platform supports teaching through a toolkit aligned with MOE e-pedagogy principles and practices. Its open and modular architecture enables integration with external applications and content while continuously evolving through stakeholder feedback and agile development processes. The platform's curriculum-aligned resources and system tools undergo continuous improvement based on input from teachers and students, ensuring responsiveness to diverse and evolving learning needs.

HOW IS *Singapore Student Learning Space* IMPLEMENTED?

SLS equips students with resources for developing Digital Literacy and Technological Skills (DLTS) and 21st-century competencies, while fostering learner agency and ownership. It also provides customizable tools for educators that help them make data-informed instructional decisions. The platform supports all formal curriculum areas, facilitates differentiated instruction, enables formative assessment with immediate feedback, promotes collaborative learning experiences, and provides comprehensive analytics for tracking student progress.

ISTE SEAL REVIEW

Product: Singapore Student Learning Space
Product Type: Platform
Organization: Ministry of Education, Singapore
Date of Award: December 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

Singapore Student Learning Space 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.

Empowered Learner 1.1.c
Students use technology to seek feedback that informs and improves their practice and to demonstrate their learning in a variety of ways.

Digital Citizen 1.2.c
Students safeguard their well-being by being intentional about what they do online and how much time they spend online.

Creative Communicator 1.6.c
Students use digital tools to visually communicate complex ideas to others.

Global Collaborator 1.7.b
Students use collaborative technologies to work with others, including peers, experts or community members, to examine issues and problems from multiple viewpoints.

FEEDBACK	OUTCOME
- The platform creates personalized learning pathways by recommending resources and practice questions while offering immediate feedback based on individual readiness levels. - Cyberwellness lessons and modules cover topics such as cybersecurity, cyber safety, and healthy online habits, facilitated by teachers in class and available for independent exploration. - Multiple submission formats, including video, audio, drawings, and files created with external tools, enable students to communicate complex ideas digitally.	✓

• Students can engage with peers, teachers, and external experts using secure Google Meet links, live chat, and discussion boards, supporting collaboration both synchronously and asynchronously.	

DIMENSION 1: USER INTERFACE AND AGENCY

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

FEEDBACK	OUTCOME
• Intuitive navigation through the left menu offers clearly labeled teaching and learning functions, providing quick access from the top-left button. • The most important elements on each page appear prominently and are sized appropriately. • Content discovery is made efficient through the "Community Gallery," where past and present assignments are easily located, and clearly labeled dropdowns simplify the addition of tests, quizzes, and assignments. • Teachers can preview modules exactly as students see them, including interacting with activities and AI feedback tools. • The product website clearly states how student data is collected, stored, and used in accordance with the Personal Data Protection Act (PDPA) 2012 and related government policies.	✓

DIMENSION 2: LEARNING DESIGN

Definition: The product has features that exhibit and promote design and customization of learning episodes in ways that align with research-based best practices, including those rooted in the learning sciences.

FEEDBACK	OUTCOME
• Each lesson links the stated learning outcomes to interactive content, activities, and assessment tasks, and users can see how each activity supports the intended outcome. • Diverse multimedia learning content throughout the resource library includes HTML5 interactives, videos, and gamified activities, accommodating different learning styles and reinforcing student understanding across all subjects. • Content pages include short quizzes, reflection prompts, or interactive exercises that ask students to recall and apply what they have learned before progressing. • Teachers can mix and match resources using features like "Starred Resources" and the "Authoring Copilot," supporting flexible customization and collaboration across shared modules.	✓

DIMENSION 3: DIGITAL PEDAGOGY

Definition: The product is designed to support the development of digital age learning skills, capacities and knowledge. This dimension focuses on how technology can help students and teachers experience the best possible learning experiences, including the social and learning affordances that digital educational products uniquely offer.

FEEDBACK	OUTCOME
• Teachers can provide targeted feedback directly on student work using text, drawings, voice notes, or file attachments, and students can respond for clarification. • Peer feedback opportunities arise through the "Interactive Thinking Tool" and discussion features, enabling commentary on one another's work. • Teachers and students can easily share modules and add collaborators, supporting both individual and group learning experiences.	✓

DIMENSION 4: INCLUSIVITY

Definition: The product helps teachers provide learning experiences that are relevant to students of many cultures, backgrounds, and abilities, and support learner motivation and agency in the learning process. The product meets current guidelines around accessibility, and supports a positive classroom culture.

FEEDBACK	OUTCOME
- Teachers can generate and display transcripts for uploaded videos. - Playback speed controls accommodate individual preferences for both video and audio content. - The interface adheres to accessible design principles featuring clear icons, high-contrast buttons, and color schemes optimized for visibility.	✓

DIMENSION 5: ASSESSMENT AND DATA

Definition: The product uses formative assessments – learning experiences that help make visible what students know and don't yet know – to generate data that inform teachers about student knowledge and skill gaps, and provide students assessment feedback that is specific, actionable, and constructive. As such, it guides teachers' instructional decisions and students' learning journeys.

FEEDBACK	OUTCOME
- Teachers can embed formative assessments throughout modules, allowing them to check understanding as students progress. - Various assessment types include multiple-choice, open-response, and auto-graded or teacher-marked quizzes with progressive completion, randomization, and feedback options. - Straightforward submission processes allow direct work submission within the platform, with opportunities for students	✓

to review submissions and share with peers or teachers for feedback. ● The "Annotated Feedback Assistant" provides curriculum-aligned, in-line feedback based on teacher-provided suggested answers or rubrics. ● The Learning Progress dashboard provides a comprehensive overview of student grades and progress on assignments and self-study resources. Selective question monitoring offers a clear picture of individual and group performance through the heatmap and the "Data Assistant."	

CONCLUSION

Singapore Student Learning Space (SLS) delivers a comprehensive teaching and learning platform combining intuitive design with powerful pedagogical tools. The platform's clean interface, consistent navigation elements, and accessible design principles support efficient use by both teachers and students. Its modular content structure enables flexible customization while maintaining clear alignment between learning outcomes and instructional activities. Through diverse multimedia resources, including interactives, videos, and gamified activities, the platform accommodates various learning preferences and reinforces understanding across all curriculum areas.

The platform's collaborative features distinguish it as a tool for modern learning. Real-time collaboration through team-based modules, integrated Google Meet links, and discussion boards facilitates peer interaction. The Interactive "Thinking Tool" and peer feedback mechanisms foster critical thinking and communication skills. Teachers benefit from comprehensive preview capabilities, easy content sharing, and robust customization options through features like "Starred Resources" and the "Authoring Copilot," enabling personalized learning experiences that address diverse student needs.

Assessment and feedback capabilities represent core strengths of Singapore Student Learning Space. The Adaptive Learning System creates personalized pathways based on individual readiness, while formative assessments embedded throughout modules provide immediate feedback and adaptive progression. The "Annotated Feedback Assistant" offers curriculum-aligned, in-line commentary that teachers can customize to address specific learning outcomes. Through the Learning Progress dashboard, monitoring heatmap, and Data Assistant, educators can access comprehensive analytics that support data-informed instructional decisions. These features, combined with the platform's commitment to digital citizenship through Cyberwellness modules and compliance with Singapore's Personal Data Protection Act, position Singapore Student Learning Space as an effective solution for transforming teaching and learning through purposeful technology integration.