



ISTE Seal Review Findings Report

Raven Learning Management System

2026



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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 *Raven Learning Management System (LMS)*?

The Aerospace Career Pathways (ACP) Raven Learning Management System (LMS) is ACP's proprietary digital learning and workforce-tracking platform. The Raven LMS supports ACP's aerospace education programs by tracking student learning, certifications, credential progression, and workforce readiness. It enables ACP and its partners to measure program outcomes, monitor participants' education-to-career trajectories, and use data to strengthen aerospace talent pipelines. Raven can be integrated across school districts and programs and serves as a foundation for ACP's planned national digital training platform.

HOW IS *Raven Learning Management System (LMS)* IMPLEMENTED?

The ACP Raven Learning Management System (LMS) is ideally implemented as the central digital learning and outcomes-tracking platform for ACP aerospace and aviation programs within schools, districts, and workforce-development organizations. Introduced at the beginning of a program and used throughout the learner journey, Raven supports curriculum delivery and organization, monitors learner progress, tracks certifications and stackable credentials, and documents participants' progression toward postsecondary education and aerospace careers. Educators and program administrators can use Raven's data to identify learner needs, provide meaningful feedback, evaluate program outcomes, and support continuous improvement.



ISTE SEAL REVIEW

Product: Raven Learning Management System (LMS)

Product Type: Platform

Organization: Aerospace Career Pathways

Date of Award: September 2026

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

Raven LMS 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, 1.1.d

Students use technology to seek feedback that informs and improves their practice and to demonstrate their learning in a variety of ways. Students understand fundamental concepts of how technology works, demonstrate the ability to choose and use current technologies effectively, and are adept at thoughtfully exploring emerging technologies.

Digital Citizen 1.2.d

Students take action to protect their digital privacy on devices and manage their personal data and security while online.

Computational Thinker 1.5.c

Students break problems into component parts, extract key information, and develop descriptive models to understand complex systems or facilitate problem-solving.



FEEDBACK	OUTCOME
- Students receive platform feedback that identifies gaps in understanding and offers a path to demonstrate learning again. - Structured lessons and applied activities guide students from foundational technology concepts toward informed, real-world decisions about how technology should be used in practice. - Realistic scenarios involving phishing, shared devices, and personal information give students practice protecting their digital privacy and security. - Students break complex systems into individual components and apply that structure to guide troubleshooting and problem-solving.	
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



• Guided onboarding, including a dedicated orientation module and visible progress indicators, helps new users build familiarity with minimal setup. • A persistent navigation menu, breadcrumb trails, and previous/next controls help users track their location and move confidently through the platform. • Search and filtering tools let users find courses and content quickly and easily. • Teachers can switch instantly between teacher and student views to preview how content changes will appear to learners. • Customizable dashboard blocks let teachers reorganize and prioritize the information most relevant to their workflow. • A searchable help center paired with direct support options gives users multiple ways to resolve questions.	
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



• Learning objectives appear at the start of each module and connect directly to the activities and assessments that follow. • Multimedia elements, including video and hands-on activities, reinforce key concepts without repeating on-page text. • Embedded knowledge checks and reflection prompts require active engagement. • Modular content allows teachers to reorder, hide, or release activities to adapt pacing and sequencing to their needs. • Structured reflection prompts ask students to connect new concepts to prior learning and consider the implications of their decisions.	
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
• Real-world examples and applied worksheets connect abstract concepts to authentic, relevant contexts.	



- Structured research activities require students to evaluate source credibility and relevance before citing them in a final product. - Discussion features allow students and teachers to exchange feedback and build on one another's contributions.	
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
- Diverse representation across roles reflects a range of genders, races, and backgrounds without relying on stereotypes. - Accessibility features, including closed captioning, adjustable playback speed, and customizable display settings, support a range of learners.	
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
• Formative assessments and diagnostic pre-checks align closely with stated learning objectives throughout each module. • Assessment formats vary across multiple-choice, open response, and applied tasks suited to the content being measured. • A straightforward submission process lets students upload work in multiple file formats and track submission status. • A centralized gradebook organizes results by student and assessment, with filtering options and class-level averages. • Activity logs give teachers a configurable view of student engagement, filterable by student, date, and event type.	



CONCLUSION

Raven Learning Management System (LMS) supports learners in building the technical knowledge, digital citizenship, and problem-solving habits that connect directly to aerospace and aviation career pathways.

Raven distinguishes itself by grounding technical content in authentic aviation contexts rather than generic examples. Lessons draw on real diagrams, airport charts, and hands-on scenarios to introduce concepts such as lift, drag, and aircraft stability, tying classroom learning to the physical systems students will encounter in the field. Diverse representation runs through the curriculum's historical and career-focused content, portraying pilots, engineers, and aviation professionals across a range of genders, races, and ethnicities in ways that highlight their contributions and challenges. The interface supports this content with guided onboarding, consistent navigation, and customizable dashboards that help teachers move through daily coursework with confidence. Learning design sequences, stated objectives, multimedia, and hands-on activities in each module build toward the next. Assessment practices center on a centralized gradebook and configurable activity logs, giving teachers a consistent way to track performance and engagement across varied assessment formats.

Raven LMS pairs authentic, career-connected aerospace content with a well-organized platform, giving educators reliable tools to deliver instruction and track meaningful student growth.