![IMS GLOBAL Learning Consortium — Better Learning From Better Learning Technology ®]

K-12 DIGITAL LEARNING REVOLUTION PROGRAM

ENABLING AN *EVOLUTION* TO DIGITAL AND PROVIDING THE FOUNDATION FOR *REVOLUTIONARY* IMPROVEMENTS IN TEACHING AND LEARNING

School districts and state education agencies are investing heavily in digital tools and curriculum resources from a wide variety of sources that—when easily integrated into the daily lives of teachers and students—have the potential to improve student engagement, reduce the cost of learning, enhance teacher professional development, and provide actionable information to improve learner outcomes.
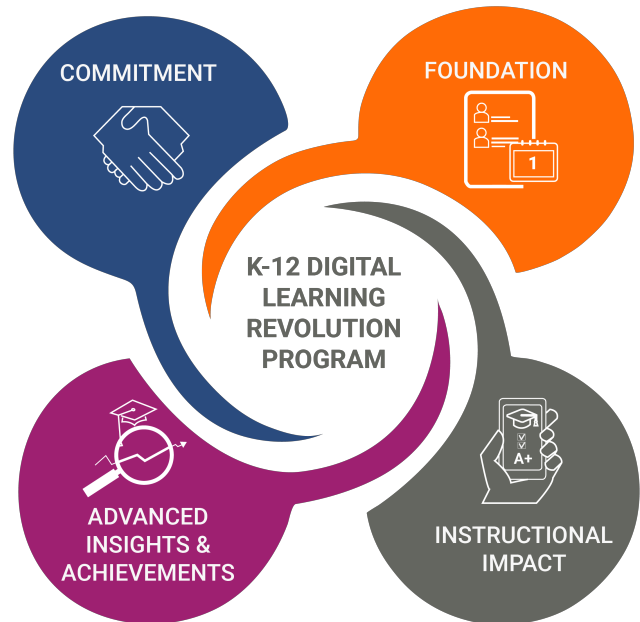
To enable their educational content and technology to work together and provide the right fit for each student, leading institutions around the globe rely on IMS Global Learning Consortium open interoperability standards. IMS has a proven portfolio of core standards that enable rapid integration of a wide variety of digital content and learning applications into a seamless, connected environment.

> IMS Global is the world's largest non-profit educational technology collaboration comprising over 500 school districts, states, higher education institutions, and leading software providers working together as equal partners to advance digital transformation and innovation by enabling a common standards-based ecosystem.

A STRATEGIC PROGRAM TO EVOLVE EDTECH INFRASTRUCTURE AND INSTRUCTIONAL PRACTICES

IMS developed a strategic model for school districts and state agencies of all sizes and needs—called the K-12 Digital Learning Revolution Program—to streamline standards-based technology adoption and integration and offer a path for significant improvements in teaching and learning. The program was created with support and input from 70+ IMS K-12 member institutions—representing over 11 million students.

The different facets of the program (summarized on the reverse side) provide guidance and recommendations on IMS standards to adopt when building your district's digital ecosystem. After making the commitment to IMS standards and certified products, components can be implemented in a way that meets the unique needs and goals of your district or institution. IMS Global provides support for members to ensure success with the program.

Circular diagram: K-12 DIGITAL LEARNING REVOLUTION PROGRAM — COMMITMENT, FOUNDATION, INSTRUCTIONAL IMPACT, ADVANCED INSIGHTS & ACHIEVEMENTS

Through the K-12 Digital Learning Revolution Program, IMS Global Learning Consortium provides districts, schools, and states:

- A strong and independent non-profit organization that brings together the leadership of end users, suppliers, and government organizations to develop community-owned edtech standards.
- A highly effective voice for institutions in influencing the direction of learning technology in this critical era of digital transformation.
- Customized support for individual districts, schools, and government organizations to ensure that next generation infrastructure for digital content and learning technology delivers on standards-based interoperability.

Adopting the IMS ecosystem—innovative products that work together—helps increase quality teaching time and digital classroom innovation while reducing costs and implementation times. Get started today *revolutionizing* your district's digital learning ecosystem!

imsglobal.org/k12-revolution

K-12 DIGITAL LEARNING REVOLUTION PROGRAM SUMMARY

MAKING THE COMMITMENT TO A PLUG AND PLAY DIGITAL ECOSYSTEM

Districts commit to purchasing IMS Certified Products listed in the IMS Product Directory at **imscert.org**.

- Begin to establish a plug-and-play ecosystem to improve efficiency and help lower costs.
- Get resources to help decide what to ask for from vendors and what to include in RFPs.
- Receive assistance from IMS to determine your district's exact needs.
- Access the largest catalogue of interoperable products available anywhere in a one-stop shop at **imscert.org**.

BUILDING THE FOUNDATION FOR DIGITAL LEARNING

Districts focus on implementing IMS standards and strategies that will ensure all students can use digital tools on day one of learning. Once digital products are connected and working together, districts can consider more advanced ecosystem capabilities that enable student-centered learning and other more revolutionary approaches to teaching and learning.

KEY IMS STANDARDS	IMPACT ON IT DEPARTMENTS	IMPACT ON TEACHING & LEARNING DEPARMENTS
• Common Cartridge® • Learning Tools Interoperability® (LTI®) • OneRoster® Enrollment Service	• Save time and money while provisioning users and automatically authorizing software applications. • Establish a trusted connection between applications for ongoing transfer of data while providing a single sign-on UX. • Secure your investment in LMS-created course content.	• Automatically populate rosters in teaching and learning tools. • One-click, seamless launching of content, apps and tools from the most relevant and convenient access points (LMS, portal, LOR).

ENABLING INSTRUCTIONAL IMPACT

Districts focus on integrating multiple sources of digital curriculum, learning applications and tools, and assessment products in the right place at the right time for the right student while reducing administrative tasks for teachers.

KEY IMS STANDARDS	IMPACT ON IT DEPARTMENTS	IMPACT ON TEACHING & LEARNING DEPARMENTS
• LTI Advantage • OneRoster Results Service • Question and Test Interoperability® (QTI®) • Thin Common Cartridge®	• Allows for easy systems-level configuration of tools. • Choose and switch as needed in an evolving and changing suite of providers by ensuring that content and data are easily transferred among systems. • Ensure data integrity by removing the need to manually re-enter assignment scores from various tools into the gradebook.	• Access to discrete learning objects and assessment items in the right place at the right time. • Provides a means for collecting assignment scores and grades across a wide array of digital resources in a single place of record. • Enables the integration of a variety of summative and formative assessment products—including third-party item banks—to provide educators with real-time actionable data to inform student intervention and instruction.

GAINING ADVANCED INSIGHTS INTO STUDENT LEARNING

Districts gain improved insight into students' product usage and reporting on student learning and learning experiences to better understand the return on learning from their technology investments.

KEY IMS STANDARDS	IMPACT ON IT DEPARTMENTS	IMPACT ON TEACHING & LEARNING DEPARMENTS
• Caliper Analytics® • Competencies and Academic Standards Exchange® (CASE®) • Comprehensive Learner Record • Open Badges v2.0 (OBv2)	• Understand and visualize product usage data from different sources and present this information to students, faculty, and advisors in meaningful ways. • Ensure easy data aggregation for items aligned to learning standards by implementing a universal identifier across all products. • Quickly and securely integrate badging platforms with other systems without doing custom integrations. • Simplify record-keeping and transmission of digital student records.	• Provide educators a faster and more reliable way to align and realign content to learning standards, find and share content from different sources, and support the transition to standards-based and competency-based learning. • Present achievements that are verifiable and portable to help learners differentiate their career-readiness in an increasingly competitive world. • Improve institutional ability to digitally represent and report a learner's academic and co-curricular record and make it easier for the learner to share their achievements with prospective employers.