K-12 Digital Learning rEvolution Program
TIER SUMMARY

IMS Global Learning Consortium is an international nonprofit educational technology organization made up of school districts, states, higher education institutions, and leading software providers working together to improve interoperability by enabling a common standards-based ecosystem. IMS Global members collaboratively guide, develop, and adopt the IMS ecosystem—innovative products that work seamlessly together—increasing quality teaching time and digital classroom innovation while reducing cost.

IMS Global empowers school districts of all sizes and needs to adopt its four-tiered program for the standards-based ecosystem. It's called the **K-12 Digital Learning Revolution Program** because it enables both a straightforward evolution to digital products and provides the foundation for significant improvements in teaching and learning.

The **K-12 Digital Learning Revolution Program** starts with a simple, incremental evolution of IT infrastructure and instructional practices. Once the foundation is in place and it is easy to connect together digital products,

| Commitment Tier | Foundation Tier | Instructional Impact Tier | Advanced Insights & Achievements Tier |

districts can consider more advanced ecosystem capabilities that enable student-centered learning and other more revolutionary approaches. The table below summarizes the current state of the program tiers. Each tier is customized to the needs of the institution and continue to evolve as the ecosystem adopts additional standards. IMS Global provides support for member institutions to ensure success of the program.

GET STARTED *Now!*
Go to **imsglobal.org/k12-revolution** to make the commitment and schedule a meeting with IMS staff today!

TIER	WHAT THIS TIER ENABLES
COMMITMENT *District Commitment to Purchasing IMS Conformance Certified Products*	• Begin to establish a plug-and-play ecosystem • Gain resources to help you know what to ask for from vendors • Know what to include in RFPs • Get assistance from IMS for those who need help determining their needs • IMS Global's Certified Product Directory (**imscert.org**) offers the widest choice of products available in a one-stop shop

TIER	IMS GLOBAL STANDARDS	WHAT THIS TIER ENABLES INFORMATION TECHNOLOGY (IT)	WHAT THIS TIER ENABLES TEACHING & LEARNING
FOUNDATION *Digital on Day One of Learning*	OneRoster® Learning Tools Interoperability® (LTI®) Common Cartridge® (CC®)	• Save time and money while provisioning users and automatically authorizing software applications. **(OneRoster)** • Establish a trusted connection between applications for ongoing transfer of data while providing a single sign-on user experience. **(LTI)** • Secure your investment in LMS-created course content **(CC Export)**	• Automatically populate rosters in teaching and learning tools • One-click, seamless launching for teachers and students from the most relevant and convenient access point (LMS, portal, LOR)
INSTRUCTIONAL IMPACT *Personalized Learning with Gradebook Data in One Place*	Thin Common Cartridge® (Thin CC®) LTI Advantage OneRoster Gradebook Services Question and Test Interoperability® (QTI®)	• Allows for easy systems-level configuration of tools **(LTI Advantage)** • Choose and switch as needed in an evolving and changing suite of providers by ensuring that content and data are easily transferred among systems. **(LTI Advantage)** • Ensure data integrity by removing the need to manually re-enter assignment scores from various tools into the gradebook. **(OneRoster Gradebook Services)**	• Integrate multiple sources of digital curriculum, learning apps and tools, and assessment products. • 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 actionable data to inform student interventions and instruction.
ADVANCED INSIGHTS & ACHIEVEMENT *Improved Insight into and Reporting of Student Learning and Learning Experiences*	Competencies and Academic Standards Exchange® (CASE®) Open Badges Extended Transcript Caliper Analytics®	• Understand and visualize product usage data from different sources and present this information to students, faculty, and advisors in meaningful ways. **(Caliper Analytics)** • Ensure easy data aggregation for items aligned to learning standards by implementing a universal identifier across all products. **(CASE)** • Quickly and securely integrate badging platforms with other systems without doing custom integrations. **(Open Badges)** • Simplify record-keeping and transmission of digital student records. **(Extended Transcript)**	• View students' product usage to better understand the return on learning of technology investments. • 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 learning. • Present achievements that are verifiable and portable to help learners differentiate their career-readiness in an increasingly competitive world. • Improve institutions 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.