Streamline Access and Improve the Use of Digital Curriculum across Your District to Support Personalized Learning

As districts transition to digital curriculum to evolve personalized instruction, they are increasingly challenged with integrating quality content and tools from a wide variety of internal and external sources, as well as providing a great user experience for their instructional staff and students. The problem facing districts is that today’s digital curriculum resources and software applications come from multiple providers and do not easily integrate, making it difficult for districts to adopt and deliver learning resources. Additionally, instructional staff are challenged by having to manually input and track results across multiple systems, making it a complex task to support personalized learning. Luckily, IMS Global Learning Consortium, a non-profit standards organization, is leading a vibrant collaboration with leading local and state authorities, publishers, and the educational software industry to develop, maintain and adopt technical standards that provide a common approach for the exchange of digital content and data across multiple systems.

Accelerating the Transition from Paper to Digital Curriculum
Using IMS Common Cartridge™, IMS Learning Tools Interoperability® (LTI®) and IMS Learning Information Services (LIS), districts can streamline both access and integration of content in their district systems. The past model of doing manual manipulation to make content work from a variety of sources can now be a thing of the past.

The implementation of these IMS standards significantly reduce the pain points of districts/schools and lead to greater interoperability with provider systems, while saving huge amounts of time and money.

IMS standards:

- Enable search of learning resources from multiple providers
- Automate the provisioning of roster data between district/school and provider systems, thus eliminating the need for manual extraction and ingestion processes
- Enable access of publisher systems from district/school systems without having to create custom integrations for each and every provider
- Standardize the exchange of content metadata between content providers and district/school systems
- Enable the exchange of grade information reducing the need for staff to re-key the data

Learn how IMS Standards are enabling Houston ISD to access a wide range of quality content from a variety of sources with ease – view the video at: http://youtu.be/3LBjtQ-q7Gg
A Standard Way to Report on Curriculum Metadata

An IMS “Thin” Cartridge is a standard way for content metadata to be loaded into a district’s learning system enabling access to publisher content resources in a secure way. The Thin Common Cartridge contains LTI enabled links, web links and curriculum standards metadata. After a one-time ingest and confirmation by the administrator at the district, provider resources can be launched directly from the district’s learning system using LTI.

"By contractually obligating publishers and other content providers to conform to IMS Global standards, it has become possible for teachers and students to seamlessly access quality digital content from a variety of sources in a single window. As a result, we are able to provide quality, standards aligned resources from multiple providers that enable personalized learning.”

George Perreault - Director, Instructional Technology and Library Media, Orange County Public Schools

Questions?
Contact Chris Chung, IMS Global K-12 Community Facilitator, cchung@imsglobal.org for additional details about how your district can benefit from the work of the IMS Global community and begin to move towards an open architecture that will provide greater flexibility and options to evolve personalized learning.

About IMS Global Learning Consortium
IMS Global is a nonprofit organization that advances technology that can affordably scale and improve educational participation and attainment. IMS members are leading suppliers, institutions and government organizations that are enabling the future of education by collaborating on interoperability and adoption initiatives. IMS sponsors the Learning Impact Leadership Institute, a global program focused on recognizing the impact of innovative technology on educational access, affordability, and quality while developing the people and ideas that are going to help shape the future of educational technology. www.imsglobal.org