

We are in the process of helping to form a new edXML community in OASIS. This community will embark on a number of initiatives to fast-track the documentation of PK12 educational requirements for XML based markup, controlled vocabularies, ontologies, web services and protocols. It will pursue areas not currently being addressed, and will work with IMS and other groups where important foundation specifications, relevant to PK12 are being developed. The edXML community will explore the relationships between other important emerging XML specifications, like ebXML, DSML, SAML, WSRP, WSXL, and PK12 requirements, and build bridges between them. The following activities are on the OpenVES standards agenda:

- Support and contribute to ongoing specification activities of SIF, IMS, and ADL as they relate to PK12 education
- Help to focus OASIS member XML expertise on PK12 requirements
- Provide a free open, public consensus-driven, collaborative environment for government and SEA and LEA participation in PK12 requirement setting and XML specification development
- Coordinate and collaborate with other important PK12 initiatives: OpenVES, EdNA, EUN SchoolNet, CanCore, APEC, Prometheus, CETIS, USoeC, Achieve.org, etc.
- Provide a set of international repositories for PK12 subject taxonomies, controlled vocabularies, ontologies, schemas, and best practices
- Work on specifications for Federated Content Repositories, Subject and Content gateways, and the protocols to support them
- Work on strategies for deep classification of curriculum standards, semantic metadata, and extending the metadata model for PK12 education
- Work on a realization of a PK12 directory schema based on IMS and SIF work
- Publish an XML version of the US Department of Education Data Handbooks
- Create implementation strategies and best practices for use and extension of OASIS ebXML specifications for eduCommerce
- Create, in coordination with other communities, PK12 specifications for digital rights management, content licensing, and content distribution to support PK12 digital content
- Recommend strategies for exchange protocols for Curriculum, Instruction, Assessment, and Content objects based on SOAP protocols and web services (WSDL)
- Create Implementation strategies for web services deployment of PK12 education applications, tools, resources, services, and content
- Publish and document XML based pattern languages for Collaborative Patterns, Pedagogical Patterns, Learning Patterns and Assessment Patterns for PK12
- Participate in the EML work of the IMS Learning Design Workgroup to assure that it is extended to address and fully support PK12 requirements
- Assure that embedded educational research and information collection needs are addressed in the design and specification of PK12 markup specifications, ontologies, and vocabularies
- Provide implementation strategies for the integration of the features of the IEEE 1484.7 Tool Agent Protocol into PK12 education specifications
- Creating accessibility, personalization, and affinity group profiles for PK12 education systems
- Document an implementation of a PPP privacy model for k12 education
- Document specifications for a modular, portable, and configurable Acceptable Use Policy service for use in PK12 education
- Extension of existing InetPerson, and EduPerson, user profile specifications to create a k12Person specification for use in PK12 education systems
- Assure that embedded decision support and data collection needs are addressed in the design and specification of PK12 markup specifications, ontologies, and vocabularies
- Bring the energized developers from the grassroots Open Source School community into the conversation with public-private partners building an open, standards based, eLearning platform