Global Linking of Educational Resources through Learning Objectives

Semantic Web Enabled

The Achievement Standards Network

http://www.achievementstandards.org/

Achievement Standards Network (ASN):

- *RDF/OWL Semantic Web enabled framework to represent national, local and organizational learning objectives for education & training*
- *Connects educational resources through* Linked Data Principles *for humans and machines in the open environment of the Semantic Web*

Through the ASN framework, individual learning objective assertions in authoritative national curricula and other professional descriptions of learning outcomes are assigned globally unique URI that can be used by machines and humans on the Semantic Web to link such outcomes one to another (even across jurisdictions) and to learning and professional development resources, student assessments, governmental and organizational reports and *any other related resource.*

Contacts:
Diny Golder, dinyg@jesandco.org
Jon Phipps, jonp@jesandco.org
Stuart Sutton, sasutton@uw.edu

National/State/Organizational Curricula

Analysis, Atomization & Representation

Colorado (Mathematics)

Australian National Curriculum (Mathematics)

English National Curriculum (Mathematics)

Global Cross-Curricula Mapping
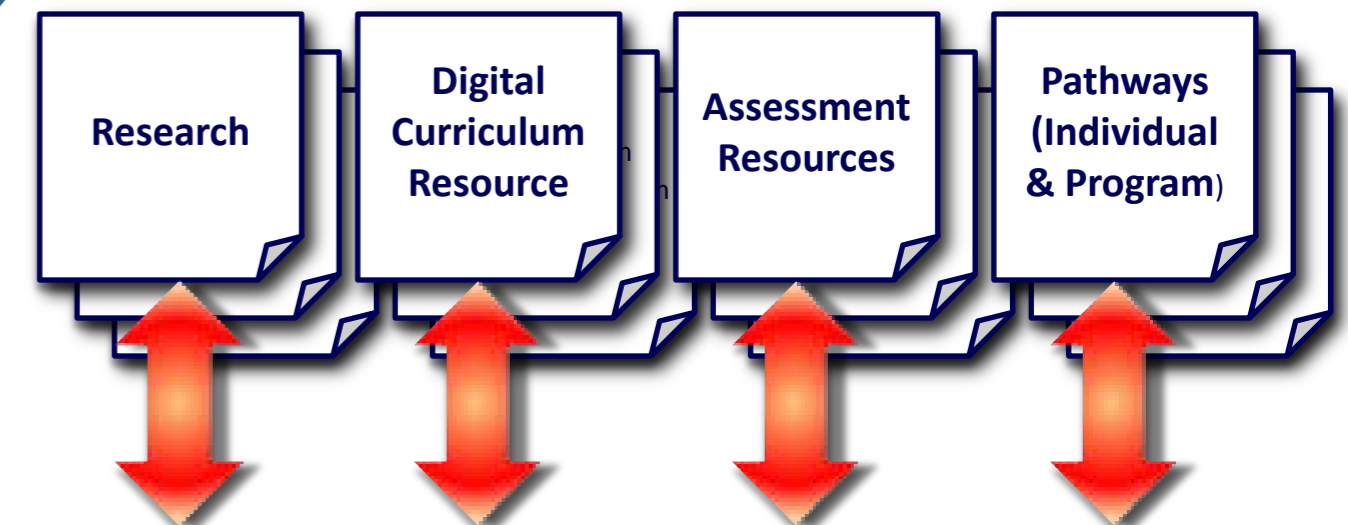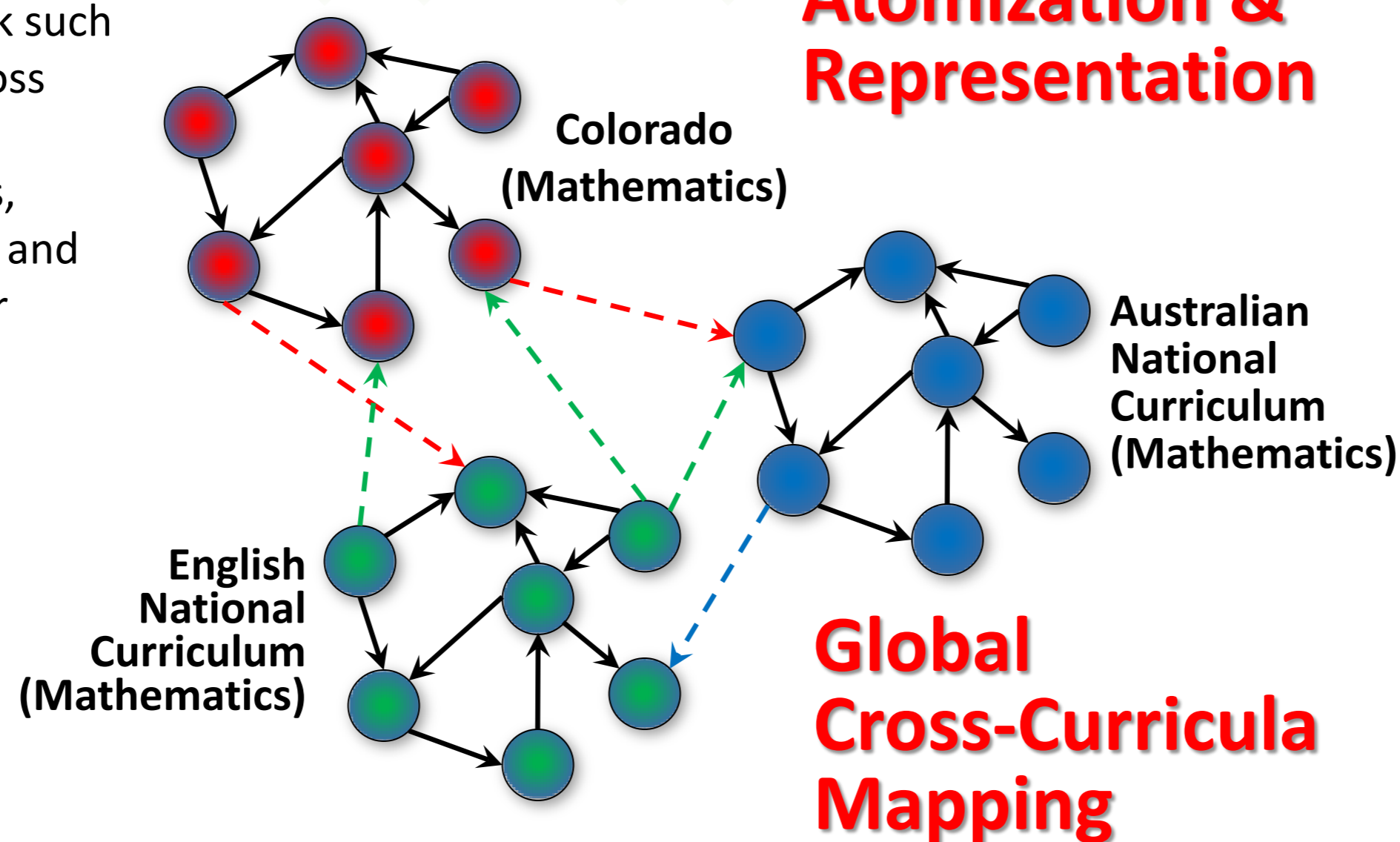
Semantic Web Linked Data

http://purl.org/ASN/resources/S16537TY

http://purl.org/ASN/resources/D100017A
Ohio: Academic Content Standards K-12 Mathematics

Curriculum Document

http://purl.org/ASN/resources/S1024934
Number, Number Sense and Operations Standard

Learning Outcome

http://purl.org/ASN/resources/S100592F
Computation and Estimation

Learning Outcome

http://purl.org/ASN/resources/S1024B7C
Analyze and solve multi-step problems involving addition, subtraction, multiplication and division using an organized approach, and verify and interpret results with respect to the original problem.

Learning Outcome