# Educational Standards Correlation Evaluation

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# Standard correlation or assignment

- Educational standards describing educational skills are connected with lesson plans describing how to teach those skills
- Various approaches underway to achieve this
- Evaluation needed that is meaningful across approaches so they can be compared

# Reference set

- Public, standard, test collection
- Used by researchers working in the same area of interest
- To carry out similar experiments
- Systems can now run the same tests on identical data
- System output checked against answer key or gold standard in the collection

# Use, scope, and purpose

- To evaluate efficacy of a correlation service
- To allow for comparison between methodologies
- Science and Math standards only

# Requirements

- Entries in reference set (resource and its correlation) must be high quality

- Resources need to be diverse in subject matter and discipline and format

- None of the resources can be used for training the system

# Data for the reference set

- resource (i.e. lesson plan)
- format (html, Word, pdf)
- language (English, Spanish, …)
- media (text, image, mixed)
- resource identifier (i.e. lesson plan identifier)
- resource metadata (if it exists).
- topic (math, science, technology - core subject areas)
- correlation(s) (list of standards, ASN URIs and or text)
- correlation type (manual, nlp, vocabulary, …)
- correlation level (i.e. strong, partial, weak)
- origin (submitting organization: wgbh, cnlp, uw)
- date (date uploaded)
- notes

# Interested in participating?

- Using the reference set
    - A small reference set is currently available
- Donating data for the reference set
    - If you have correlations available and would like to contribute to the reference set contact us

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