

**Authentic Intellectual Work: Effective Professional Development
SAI Conference August 2012**

CRITERIA AND STANDARDS FOR AUTHENTIC INTELLECTUAL WORK

Criteria for authentic intellectual work	Instruction	Tasks (assessments)	Student performance (student work)
Construction of knowledge	Higher-order thinking	Construction of knowledge	Construction of knowledge
Disciplined inquiry	<ul style="list-style-type: none"> • Deep knowledge and student understanding • Substantive conversation 	Elaborated communication	<ul style="list-style-type: none"> • Conceptual understanding • Elaborated communication
Value beyond school	Value beyond school	Value beyond school	

Participating teachers bring instruction, tasks and student work to their collaborative - scoring group to receive feedback and suggestions for increasing rigor and relevance.

Source: Newmann, King, & Carmichael, 2007.

COMPONENTS FOR AUTHENTIC INTELLECTUAL WORK TEAMS

Components	Results in...
1. Learning teams include four to six people (seven maximum).	<ul style="list-style-type: none"> • Common language. • Renewed energy. • Authentic Intellectual work fluency. • Trust. • Increased student engagement. • Increased test scores. • Systemwide change.
2. Learning teams meet four to six hours per month .	
3. Learning team members bring artifacts that need improvement (tasks, student work, or instruction clips).	
4. Every team meeting includes scoring artifacts , ideally from the team.	
5. Learning teams use authentic intellectual work tools , including scoring criteria booklet and protocols, as a springboard for generating ideas for consideration.	
6. Authentic intellectual work is job-embedded , not as an add-on, but as an essential part of professional learning.	

Successful AIW professional learning occurs when these components are implemented with fidelity.

Learning team members immerse themselves in their own professional learning for one year and agree to serve as anchors on future learning teams after that.
Source: Center for Authentic Intellectual Work, 2010.

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Figure 1: Percentage of Students Proficient in Reading:

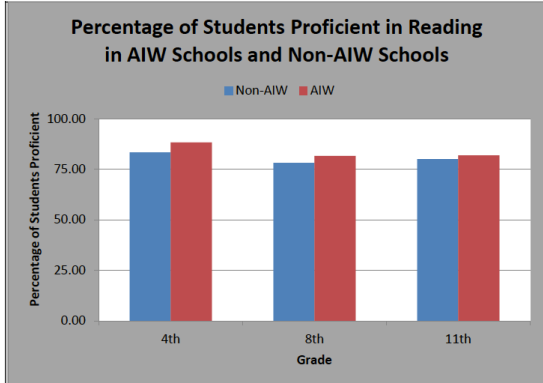
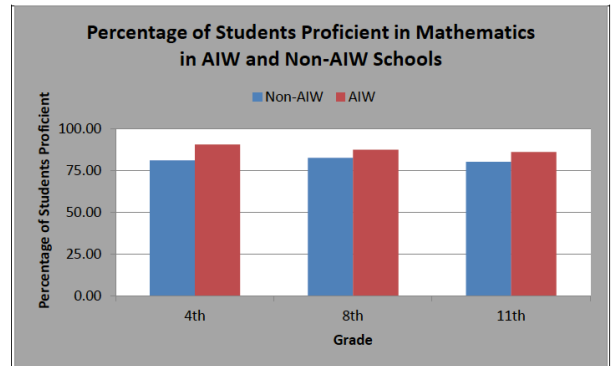


Figure 3: Percentage of Students Proficient in Mathematics:



Source: Iowa Department of Education.

Helpful Websites:



Midwestern Magic – this JSD article describes the AIW efforts in Iowa

<http://www.learningforward.org/news/articleDetails.cfm?articleID=2470>



Iowa Department of Education – this link is for the AIW page on the Iowa Department of Education website. The Iowa Evaluation can be found at the bottom of the page.

http://educateiowa.gov/index.php?option=com_content&view=article&id=1767&catid=449&Itemid=2544



The Center for Authentic Intellectual Work - at this link you will be able to find the research regarding AIW as well as many other resources. A list of current AIW coaches is maintained on this website.

<http://centerforaiw.com/>