

It's Not About the Stuff: Implementing a 1:1

**SLATE Conference
December 5-7, 2011**

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Changing Paradigms



RSAnimate:
Sir Ken Robinson

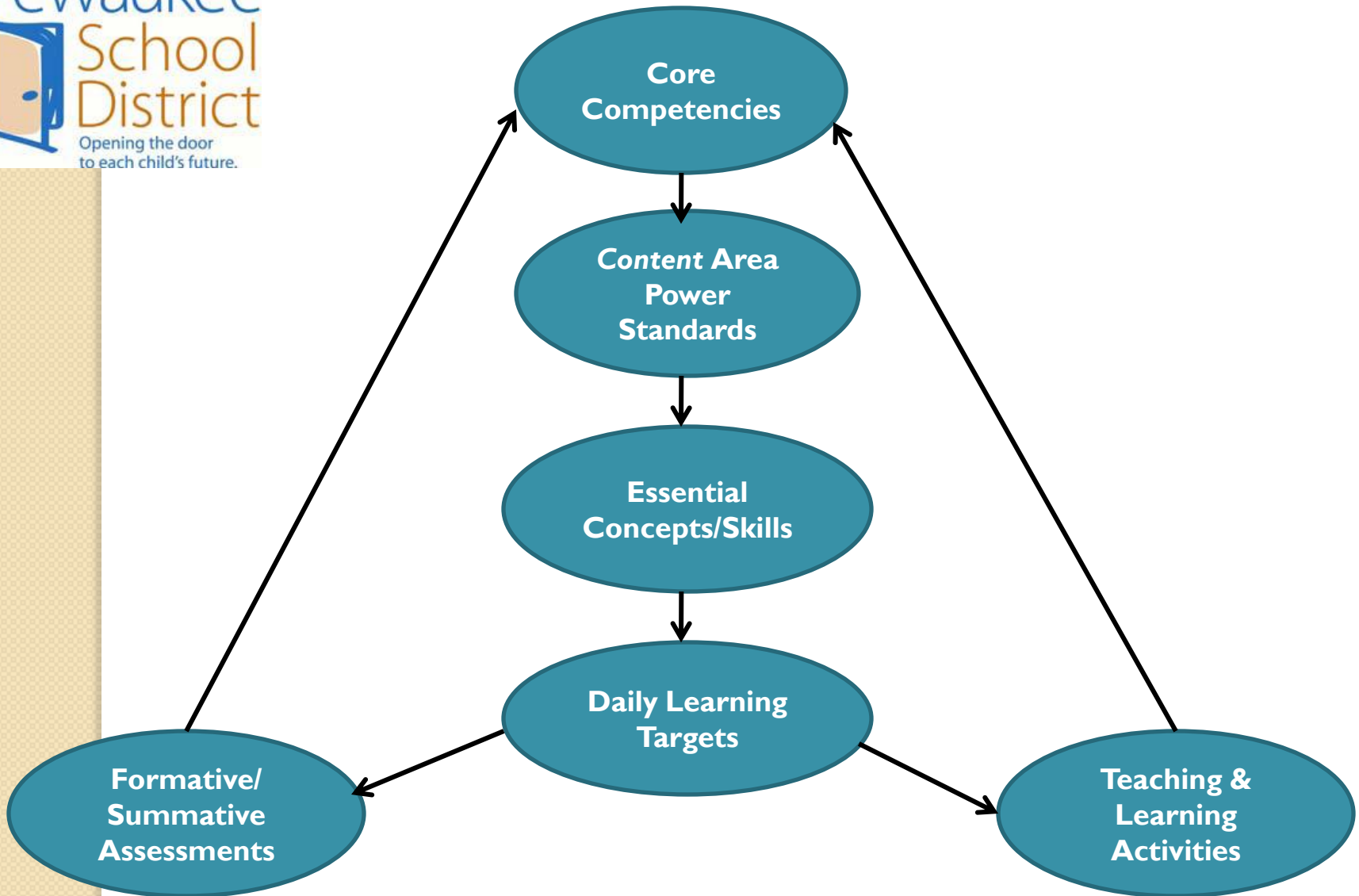
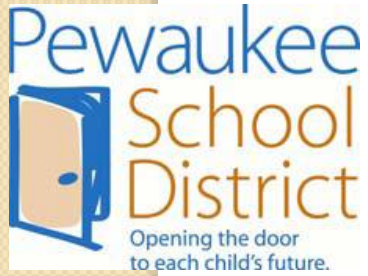
Why I:1?

 PSD's Core Competencies 	
Critical Thinking and Problem Solving	Analyzing information, researching and drawing appropriate conclusions and solutions
Creativity and Innovation	Generating or recognizing new alternatives or possibilities; creating new knowledge
Collaboration	Working productively with others to reach a goal by reaching consensus, finding compromise or building community
Citizenship	Respecting diversity, understanding context & connectedness and fostering interdependence demonstrating the ideals and behaviors of citizenship at the local, regional and global level
Communication (Oral, Written and Visual)	Effectively creating, delivering and receiving messages using verbal, written and symbolic modes
Information Technology	Using electronic information & knowledge tools to interpret, analyze, compose and communicate
College and Career Readiness	Mastering relevant academic content and employability skills so students will thrive in college-level courses or skilled workforce opportunities upon graduation from high school

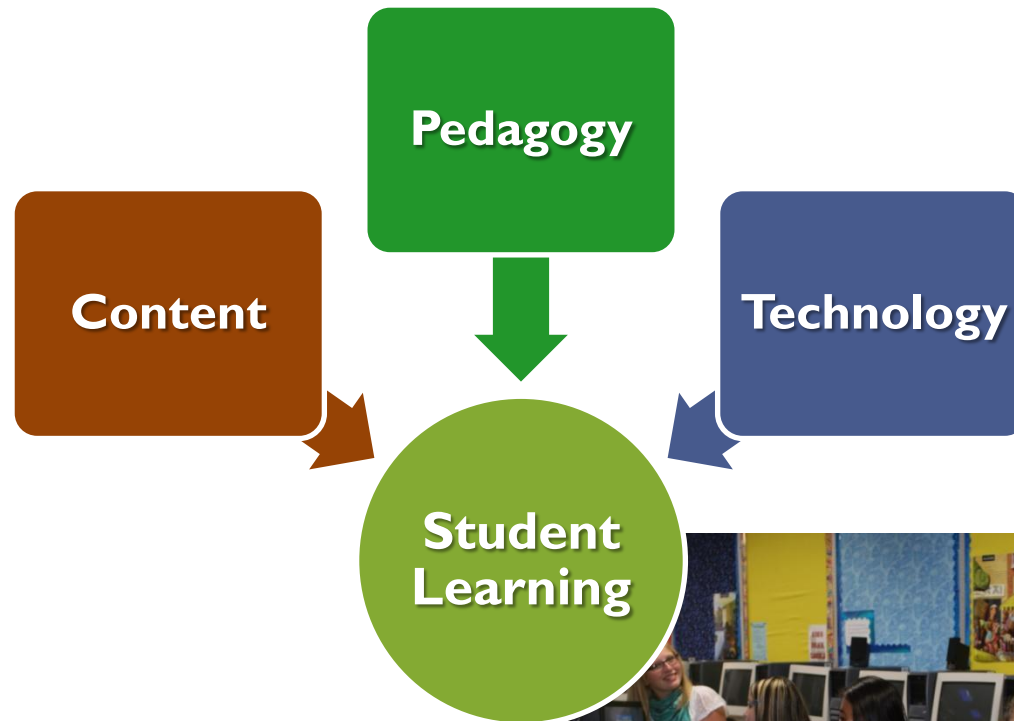
*Derived from a number of different efforts including Partnership for 21st Century, Bernie Trilling, Neil Howe, William Strauss, Tony Wagner



PSD's TEACHING and LEARNING FRAMEWORK



Focus on Teaching & Learning



2006-2008 Planning

- Site Visits
- Conference calls
- Literature, Research
- Vision

Plan, Plan, Plan

2008-2009 Phase I

- Preliminary wireless
- Middle School staff receive tablets
- PLC/PD – (70 min./2x month)
- I:I Planning Team (weekly)
- Product Selection



2009-2010 Phase 2

- Managed wireless at ACMS
- Gr. 8 students receive laptops (8/5 → 24/7)
- Boot Camp for students
- PLC/PD at ACMS (70 min./week)
- PHS staff receive tablet (Jan. 2010)
- PLC/PD at PHS (45 min./week)
- I:I Planning Team (wkly. mtgs.)
- Stakeholder Communication
- Product Selection



2010-2011 Phase 3

- Managed wireless at PHS
- Students in gr. 7 – 10 receive laptops
- Boot Camp for Students
- PLC/PD at ACMS and PHS
- Stakeholder communication

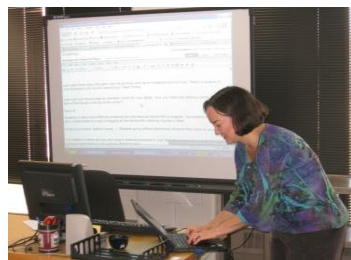
2010-2011 Phase 4

- Students in gr. 7 – 12 receive laptops
- Technology Orientation for Students
- Sustained PLC/PD at ACMS and PHS



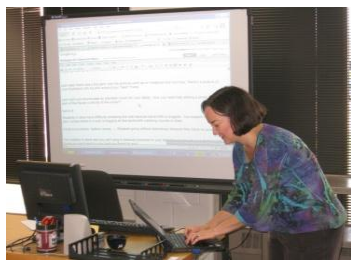
I:I Policies and Procedures

- Acceptable Use Policy
- Student/Parent Loan Agreement
- Student Expectations

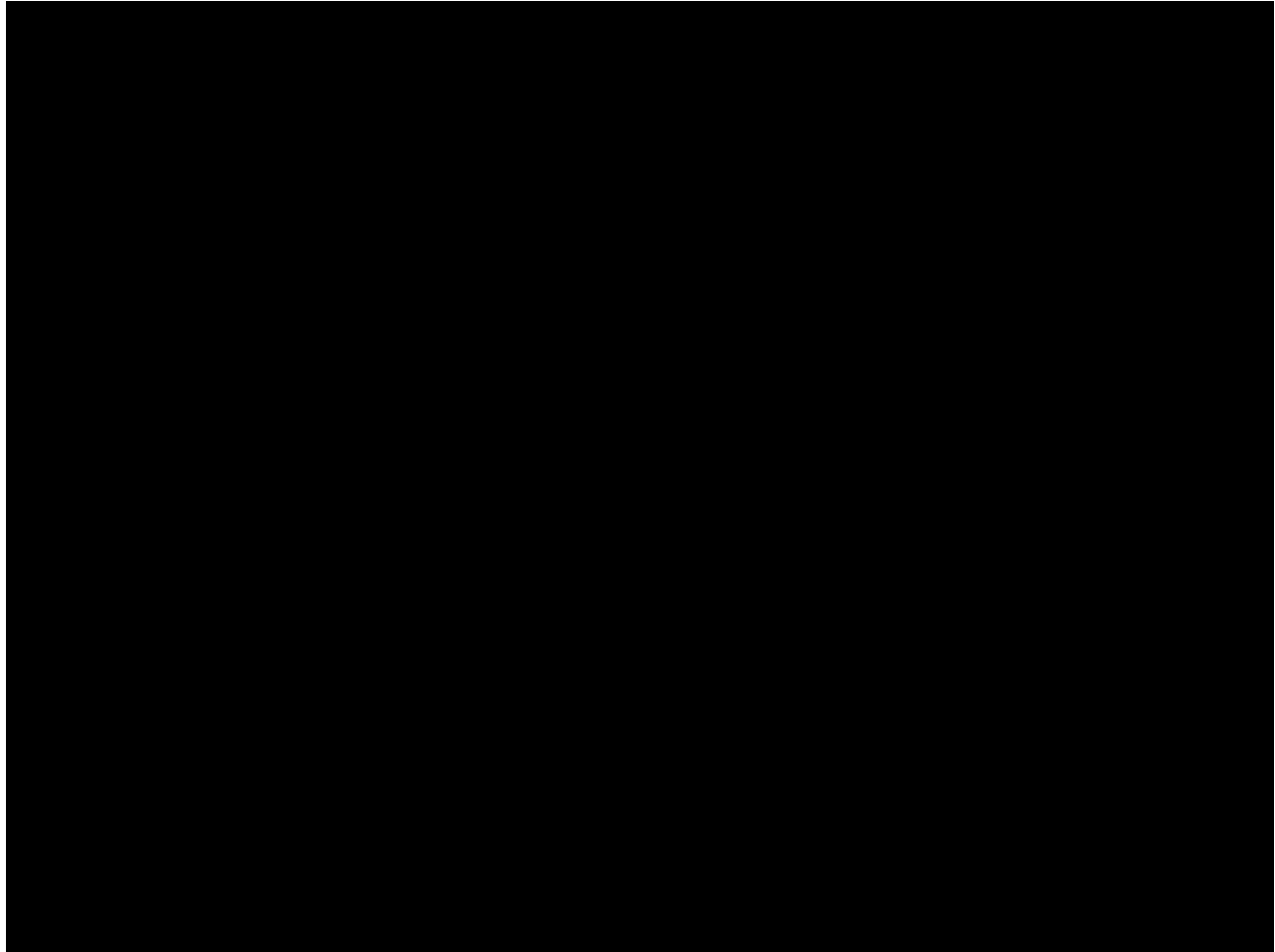


Paradigm Shift

- Student-centered learning
- Lesson Design
- Peer Review
- Bloom's Digital Taxonomy
- 21st century tools

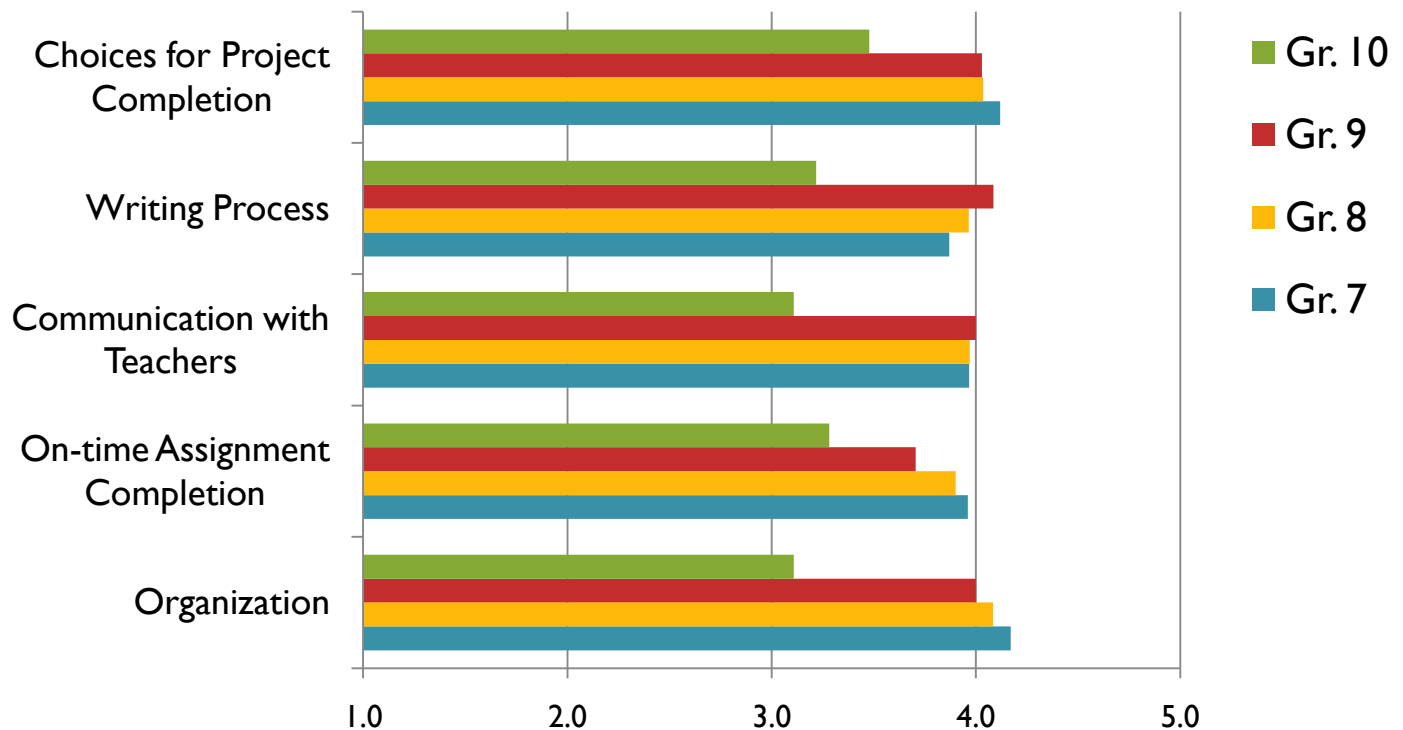


Student-centered Learning



Impact on Teaching & Learning

**Academic use of the laptop
(at school & home) has affected...**



1 = Negative Impact 5 = Positive Impact



Pewaukee School District
 NGA Student Assessment – Fall 2011
NGA Student Proficiency

Segmentation Map

Grade level: = 8th grade

NGA Standard	n	Avg points	Minimal	Basic	Proficient	Advanced
Creativity & Innovation	197	4.28 of 5	4.57%	14.21%	28.43%	52.79%
Communication & Collaboration	197	3.91 of 5	8.12%	20.31%	41.62%	29.95%
Research & Information Fluency	197	6.13 of 7	4.57%	6.09%	35.53%	53.81%
Critical Thinking, Problem Solving & Decision Making	197	3.91 of 5	14.21%	19.29%	25.89%	40.61%
Digital Citizenship	197	3.32 of 5	19.80%	35.03%	37.56%	7.61%
Technology Operations & Concepts	197	5.22 of 7	8.12%	15.74%	62.44%	13.71%
Overall	197	26.69 of 34	3.55%	15.74%	61.42%	19.29%
Index score (combined percentage of last 2 columns): 80.71%						



Technology Scorecard

Organization: Pewaukee School District

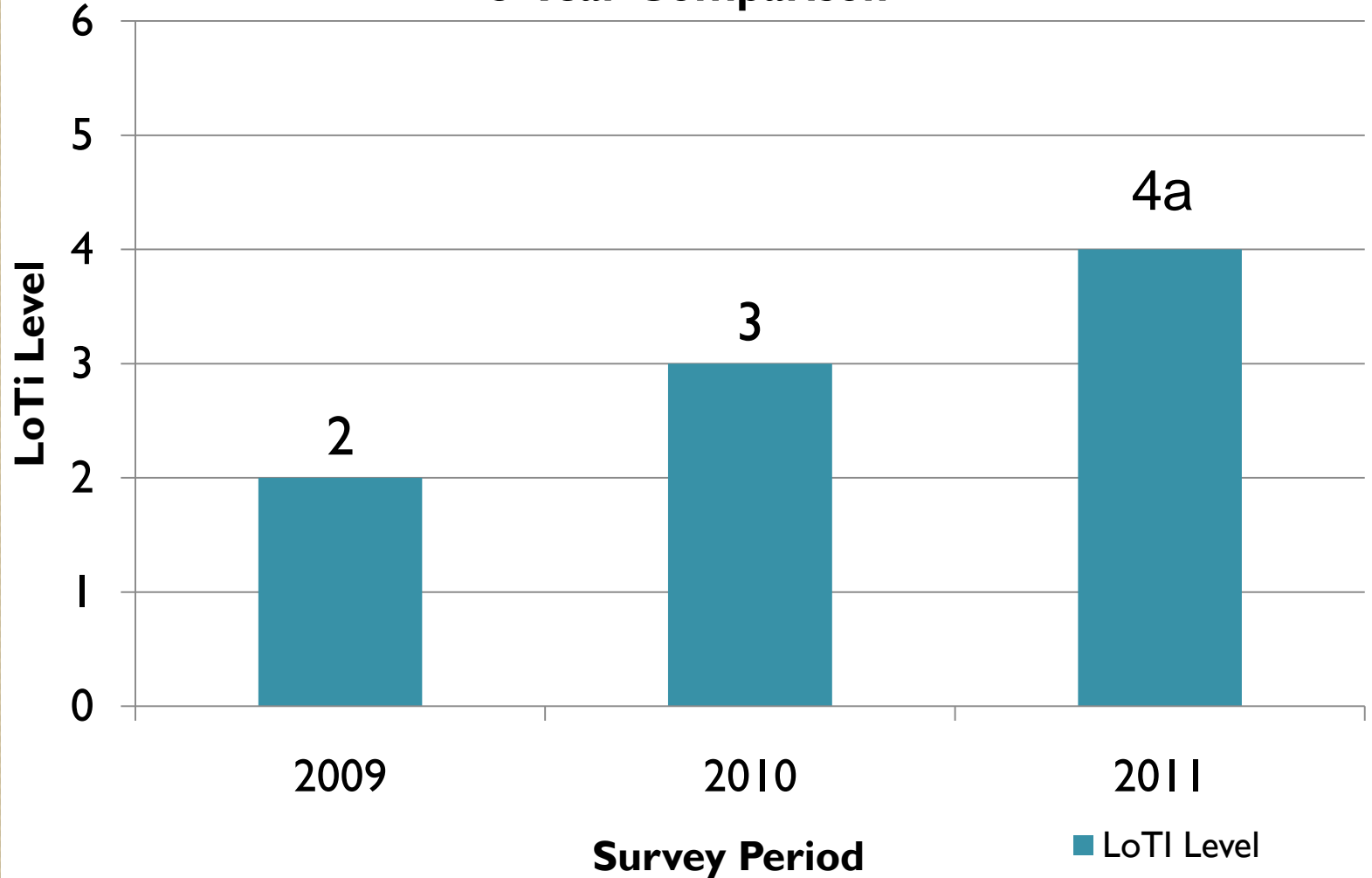
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State: Wisconsin

Teaching and Learning	Criteria	District	State
NGA Student Proficiency	Creativity & Innovation	77.64% Proficient and Advanced	41.53% (n = 209)
	Communication & Collaboration	69.52% Proficient and Advanced	63.19% (n = 209)
	Research & Information Fluency	88.16% Proficient and Advanced	71.07% (n = 209)
	Critical Thinking, Problem Solving & Decision Making	67.00% Proficient and Advanced	60.68% (n = 209)
	Digital Citizenship	42.32% Proficient and Advanced	39.64% (n = 209)
	Technology Operations & Concepts	67.51% Proficient and Advanced	52.43% (n = 209)
	Overall	76.38% Proficient and Advanced	53.27% (n = 209)

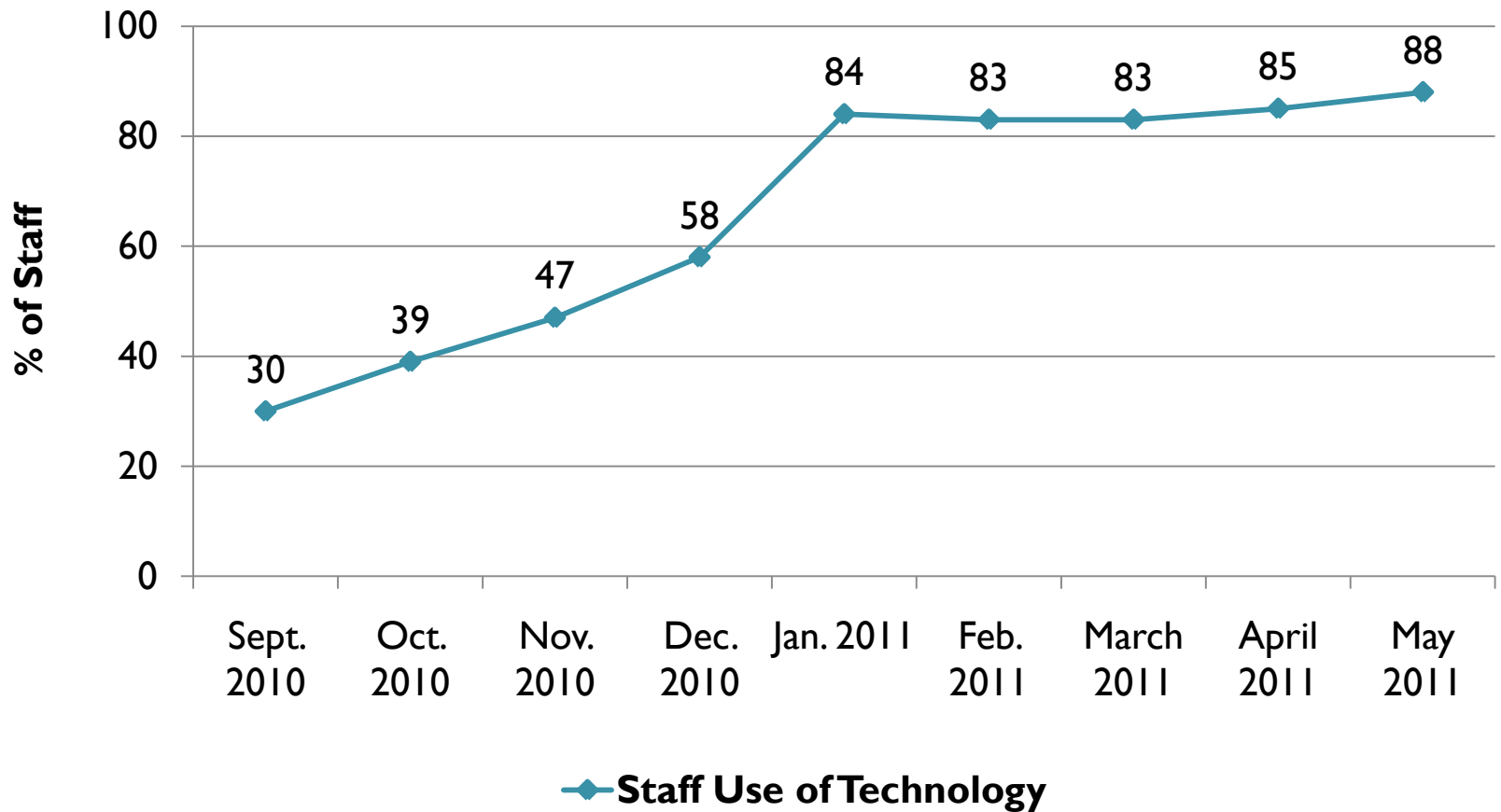
Accountability Measures

Asa Clark Middle School LoTi Results 3-Year Comparison

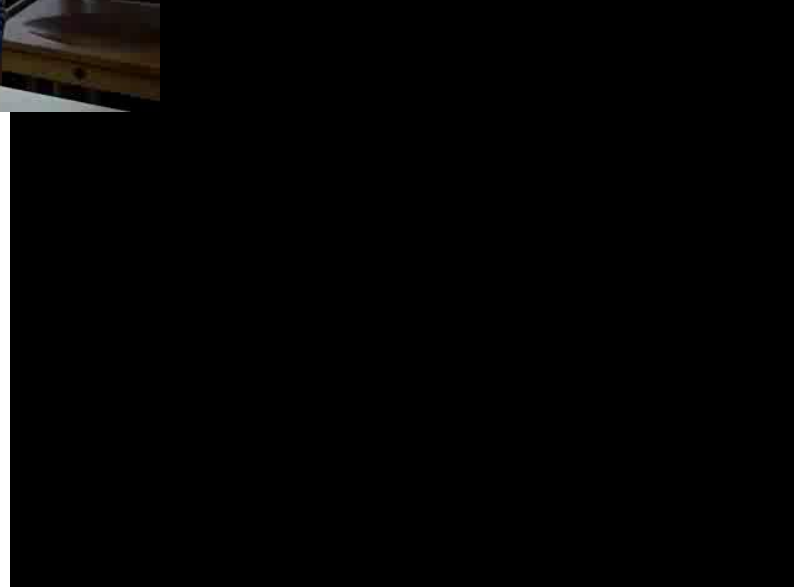


Accountability Measures

**Staff Use of Technology
Classroom Walkthrough Data
2010-11**



Perspectives



Learning to Change, Changing to Learn

