

# **Technology**

#### **DISTRICT OFFICE**

**FALL, 2013** 

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# **Continuous Improvement Overview**

Information Technology (IT) continues to be vital in supporting the District's focus on improving student achievement. The District's Information & Technology Literacy Plan focuses on creating classroom environments where students engage in collaborative, inquiry-based learning, facilitated by educators who are able to use technology to transform knowledge and skills into solutions, new information, and products. The 2013-14 Technology PDSA goals focus on using existing and new information technology resources to effectively transform teaching and learning practices across the District.

# **Key Results from 2012-2013 School Year**

**Strategic Plan Aligned Goal:** By June 2014, PSD Grade 8 students will increase technology proficiency from 44 to 100% as measured by the Technology Proficiency Assessment.

**3-Year SMART Objective:** By June 2014, PSD Grade 8 students will increase technology proficiency from 44 to 100% as measured by the Technology Proficiency Assessment.

I-Year SMART Objective: By June 2013, PSD Grade 8 students will increase technology proficiency from 85 to 92% as measured by the Next Generation Assessment for Middle School. Action Plan Progress: In Fall 2012 ACMS students were tested using the Next Generation Assessment for Middle School. 82.8% of the 8<sup>th</sup> graders (Class of 2017) scored in the proficient category and 66.8% of the 7th graders (Class of 2018) scored in the same category. In the spring of 2013, 94.7% of the 8th graders scored in the proficient range on the NGA, while 7th grade proficiency increased to 78.6%.

**Process Goal**: By June 2013, the average LoTi Digital Age Survey score for the integration of technology will increase from a Level 2 (Exploration) to a Level 4a (Integration).

Action Plan Progress: In Spring 2013, the average LoTi score for PSD teaching staff was a Level 3 (Infusion), where the instructional focus emphasizes "engaged higher order learning", and where students are "using digital tools and resources to solve teacher-directed problems related to the content under investigation."

### 1-YEAR SMART OBJECTIVE:

By June 2013, PSD Grade 8 students will increase technology proficiency from 85% to 92% as measured by the Technology Proficiency Assessment.

Students in grades 7 & 8 are assessed on individual technology proficiency using the Next Generation Assessment (NGA). NGA's student assessments measure a variety of skills aligned to the National Education Technology Standards for Students, as well as the 21st

Asa Clark Middle School
Next Generation Assessment
Grad Year 2017

94.73

82.75

80

40

20

Fall 2012

Spring 2013

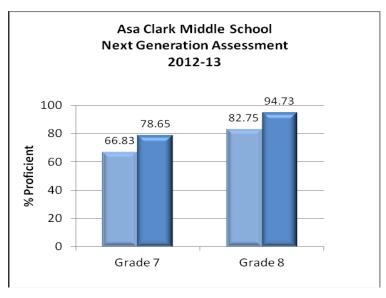
Century Student Outcomes and Skills. Individual student technology proficiency is assessed giving an overall score as well as a score in the following areas:

- Creativity & Innovation
- Communication & Collaboration
- Research & Information Fluency
- Digital Citizenship
- Critical Thinking, Problem Solving, Decision Making
- Technology Operations & Concepts

In Fall 2012 ACMS students were tested using the Next Generation Assessment for Middle School. 82.7% of the 8<sup>th</sup> graders (Class of 2017) scored in the proficient category. Of those tested, thirty-three students in Grade 8

scored "Not Proficient" on the Fall 2012 NGA assessment. Student gaps were identified by standard areas. Seminars on these topics were held during the fall and early winter months and students were retested in early Spring 2013. Of those students tested (33), 67% tested "Proficient", bringing the total Grade 8 proficiency to 94.7%.



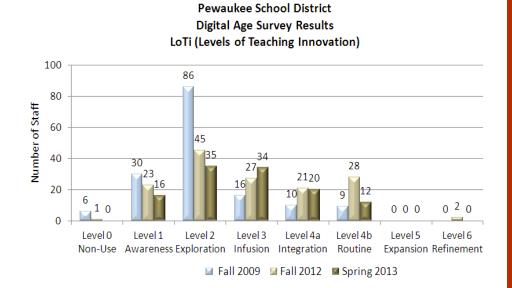


#### **PROCESS GOAL:**

By June 2013, the average LoTi Digital Age Survey score for the integration of technology will increase from a Level 2\* (Exploration) to a Level 4a (Integration). \* baseline data from 2009

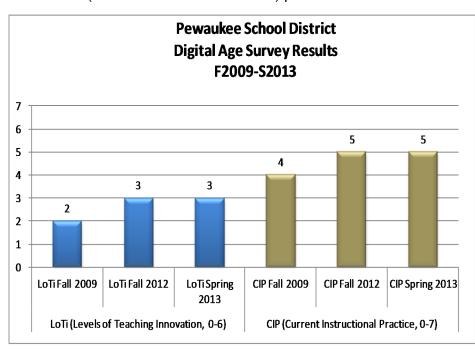
LoTi (Levels of Teaching Innovation) results indicate the transformation from student-compliant learning to digital-age teaching and learning, characterized by the use of digital tools and resources to promote higher order thinking, engaged learning, and authentic problem-solving.

In Spring 2013, the average LoTi score for PSD teaching staff was a **Level 3**. At a Level 3 (Infusion), instructional focus emphasizes "engaged higher order learning;



students use digital tools and resources to solve teacher-directed problems related to the content under investigation."

The CIP (Current Instructional Practices) profile reflects each teacher's implementation of instruc-



tional practices consistent with a learner-based curriculum design and research -based best practices.

In Spring 2013, the average CIP score for PSD teaching staff was a **Level 5**. At a CIP Intensity Level 5, instructional practices lean toward a learner-based approach; teaching strategies and assessments are diversified and driven by student questions.

District-wide there are: 352 Chrome-Books

373 Desktop Computers

296 Laptops

# In the Coming Year....

**Purpose:** Provide classroom environments where students engage in collaborative, inquiry-based learning, facilitated by educators who are able to use technology to transform knowledge and skills into solutions, new information, and products.

**Strategic Plan Aligned Goal:** By June 2014, PSD Grade 8 students will increase technology proficiency from 44 to 100% as measured by the Technology Proficiency Assessment.

#### 2013-14 SMART Objectives:

By June 2014, PSD Grade 8 students will increase technology proficiency from **95** to **100**% as measured by the Next Generation Assessment for Middle School.

By June 2014, the average LoTi Digital Age Survey score for the integration of technology will increase from a **Level 3** (Exploration) to a **Level 4a** (Integration).

## **Key Focus Areas for 2013-2014 Technology PDSA (Plan-Do-Study-Act)**

- District and school level professional development to support instructional technology
   & staff proficiency
- Fully implement Google Apps for Education to support communication and collaboration
- Monitor implementation of K-12 Digital Literacy & Citizenship scope and sequence
- Conduct parent learning sessions on SchoolFusion, Google, and Internet safety
- 1:1 access to technology in grades 5-12; 2:1 access in grade 4; 2.2:1 access in grades 5K-3

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Through our all unique campus setting, the Pewaukee Public School District will open the door to each child's future

We are

~ Passionate about Academic Excellence

~Committed to Fostering Positive Citizenship

~Dedicated to Inspiring all students to flourish

