



# Leading Change Data Pre-Conference

June 16, 2014

Arizona Education Learning and Accountability System (AELAS)  
Statewide Opt-In Systems

Arizona Department of Education

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## **Agenda**

**The AELAS Opt-In System Architecture**  
**Arizona's Instructional Improvement System**  
**Statewide Student Information System**  
**Opt-In Systems' Features & Benefits**  
**Administrator, Teacher, and Student Perspectives**  
**Universal Benefits of the Architecture**  
**Process to Opt-In**





## Key Take Aways

- **AELAS** (*Arizona Education Learning and Accountability System*) is Arizona's new statewide data system.
- ADE has been working to provide schools, through AELAS, with a variety of new **optional, online** tools and systems to help support and manage **educator effectiveness** and **student learning**.
- Two primary AELAS elements include the **Arizona Instructional Improvement System (IIS)** and **Statewide Student Information System (SSIS)**.
- Some AELAS systems and tools will be available for use by LEAs and schools at no cost, while others will have costs associated with opting in.



# Education Information and Intelligence

DEMOGRAPHICS
SCHOOL DASHBOARD

## Student Profile



NAME: \_\_\_\_\_  
 GRADE: \_\_\_\_\_  
 ETHNICITY: \_\_\_\_\_  
 BIRTH DATE: \_\_\_\_\_  
 PROGRAMS: \_\_\_\_\_

### ATTENDANCE

2008 2009 2010 2011 2012

TREND

	2008	2009	2010	2011	2012
ATTENDANCE	Medium Risk	Medium Risk	Low Risk	Low Risk	Low Risk
HOMEWORK	Medium Risk	Medium Risk	Low Risk	Low Risk	Low Risk
BEHAVIOR	High Risk	Medium Risk	Low Risk	Low Risk	Low Risk
ASSESSMENT	High Risk	Medium Risk	Low Risk	Low Risk	Low Risk
READINESS/PASS GRADE	Medium Risk	Medium Risk	Low Risk	Low Risk	Low Risk

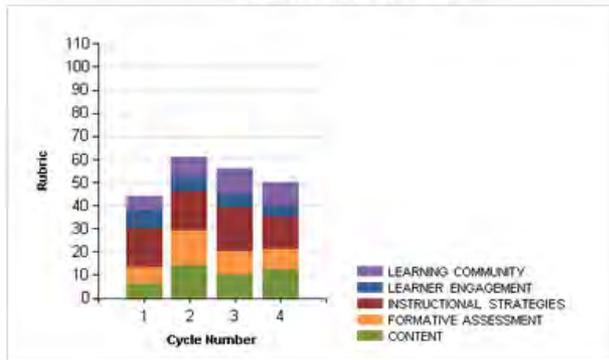
# Dashboard Integrating Observation and Assessment

## Profile for Jane Doe

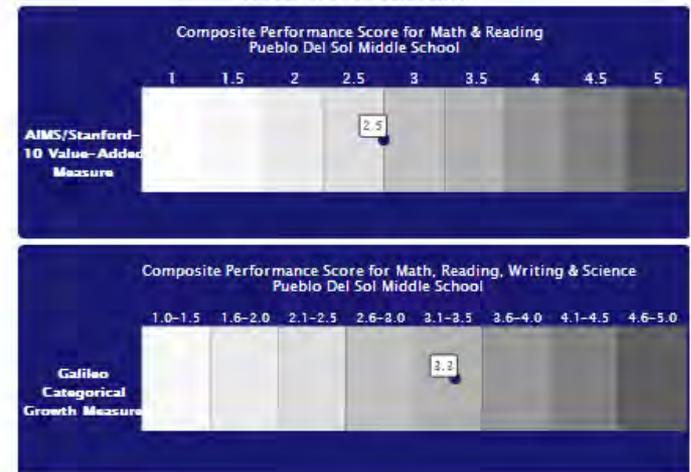
REIL Score



Observation Component



School Growth Component



[View All Observations](#)

# AZ Dash

Welcome name:  
Debbie Stirling

Assessment Reports

## AIMS

Percent (%) Passing

Lower & Upper Results

### District/School

Iford Elementary School -  
167257

### Grade

3rd Grade

### Year

2013

[Report Parameters](#)

Students who Need to Pass +

Percent (%) Passing by  
School

## ACT/Explore/College Readiness

EXPLORE - Mean Scores by  
Subject and School

EXPLORE - Percent (%)  
Meeting Benchmark  
Compared to National

College Readiness - Percent  
(%) Meeting Comparison

College Readiness -  
Percent (%) Meeting  
Benchmark by Subject

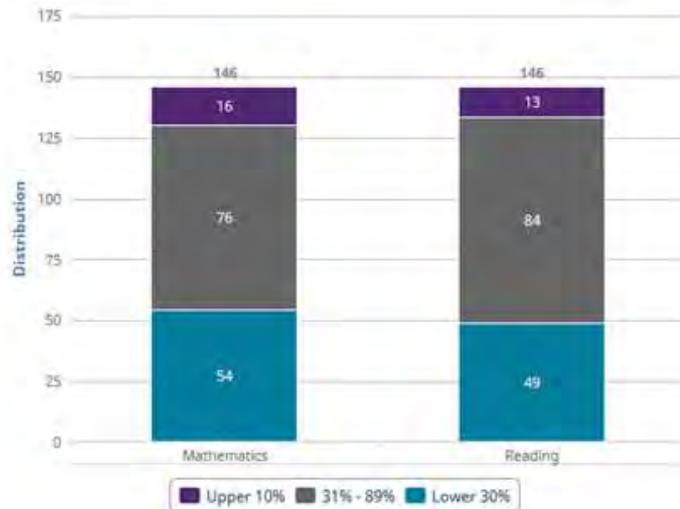
ACT - Average Composite  
Scores

ACT - Average Composite

## AIMS - Lower & Upper AIMS Results

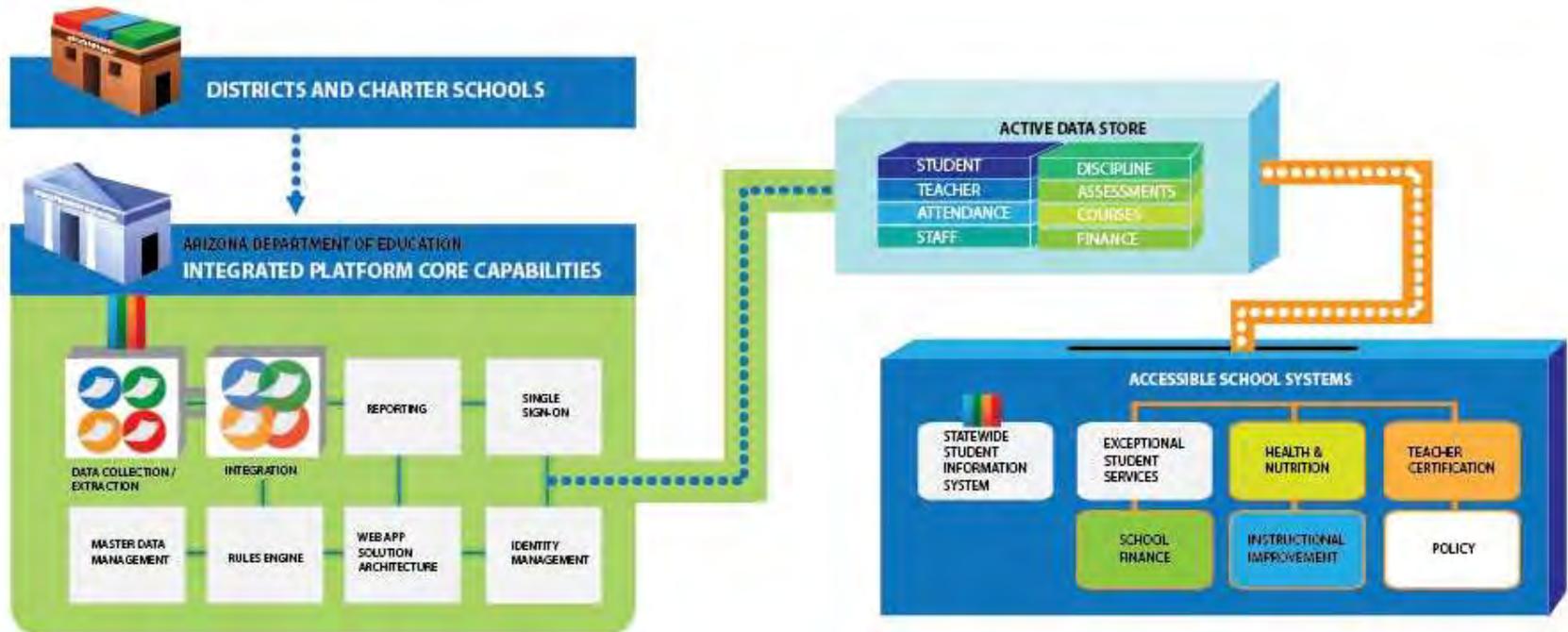
Demo District - 99999  
School District

November 7th 2013  
Thu 04:52 pm

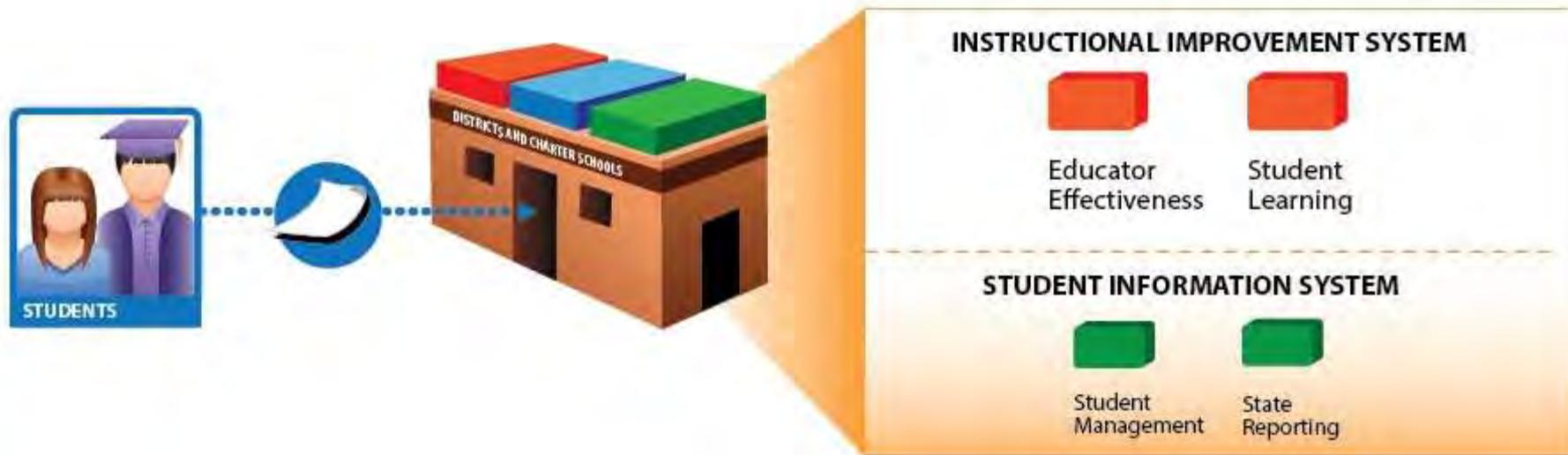


Subject	Ranking	No. of Students	
Mathematics	Upper 10%	16	<a href="#">Show Details</a>
Mathematics	31% - 89%	76	<a href="#">Show Details</a>
Mathematics	Lower 30%	54	<a href="#">Show Details</a>
Reading	Upper 10%	13	<a href="#">Show Details</a>
Reading	31% - 89%	84	<a href="#">Show Details</a>
Reading	Lower 30%	49	<a href="#">Show Details</a>

# Streamlined Education



# Statewide Opt-In Systems for Schools



# AELAS Statewide Opt-In Systems

## Arizona Instructional Improvement System (IIS)

A suite of online systems providing tools and actionable data for schools to help support and manage local **educator effectiveness** and **student learning** efforts.

## Statewide Student Information System (SSIS)

State-sponsored student information system as a Software as a Service (SaaS) available 24/7 and accessible from anywhere; compliant with improved state reporting functionality and exception reporting



# AELAS Instructional Improvement System

## Educator Effectiveness

- Professional Online Learning & Collaboration
- Educator Observation & Evaluation Tools
  - *Multiple models & tools*
- Educator Resources
  - *Content Management System (free online repository of resources)*

## Student Learning

- K-12 Online Student Learning & Collaboration
- Assessment System
  - *Online assessment system with optional available content*



# IIS – Learning Management System: Overview

## Educator Effectiveness

- Professional learning and collaboration system organizes, delivers, and tracks online and face-to-face workshops and courses

## Student Learning

- K12 online learning collaboration system allows educators to create, deliver, and track instructional activities and courses for students

# IIS – Learning Management System

## Educator Effectiveness



**Administrators**

Create your own face-to-face and online professional learning activities. Combine them with external offerings; Manage and track them all in one system.



**Educators**

Easily design, manage, and complete your personalized professional learning plan.

# IIS – Learning Management System

## Student Learning



**Administrators**

Access reports to measure progress and success of courses.



**Educators**

Create stand-alone courses or supplements to your existing courses.



**Students**

Learn anytime, anywhere with Internet access to your assignments.

# IIS – Learning Management System

## Features

### ❖ Student Preview



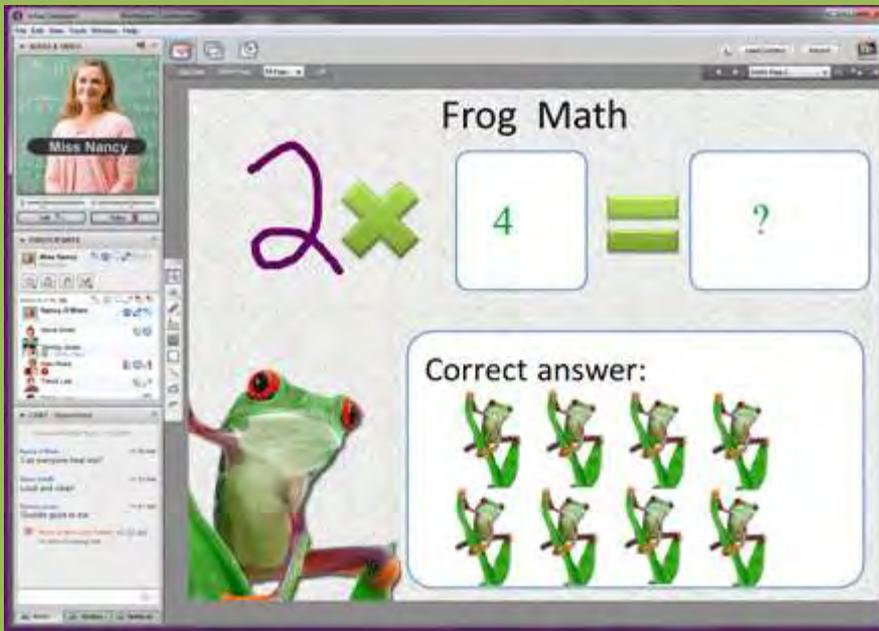
## Benefits

- ❖ Student Preview gives instructors the ability to see the course exactly how a student would see it. With easy transition into and out of a system-managed preview account, it's never been easier to review the student experience and seamlessly confirm course content design and course behaviors from the students' perspective.

# IIS – Learning Management System

## Features

### ❖ Interactive whiteboard



## Benefits

- ❖ Create activities ahead of time or just drag and drop the images you want in real time. All images, text, and drawings are independent, floating objects you can resize or move.
- ❖ Students can write or draw on the whiteboard simultaneously using a mouse, graphics tablet, or tablet PC, encouraging interaction in the session.

# IIS – Learning Management System

## Features

### ❖ Mobile Collaboration



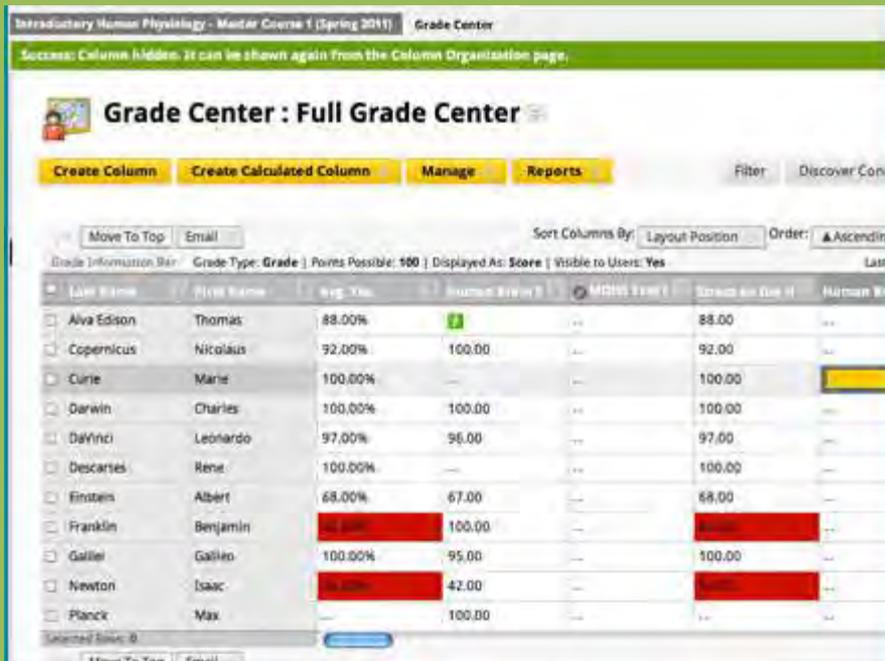
## Benefits

- ❖ Easily convert web conferencing session recordings into industry-standard MP3 and MP4 formats. Stream or download recordings to desktop, laptop, or ANY mobile device – whenever it's convenient. Plus, you can distribute recordings through common channels.

# IIS – Learning Management System

## Features

### ❖ Grade Center



Introductory Human Physiology - Master Course 1 (Spring 2011) Grade Center

Success: Column hidden. It can be shown again from the Column Organization page.

### Grade Center : Full Grade Center

Create Column Create Calculated Column Manage Reports Filter Discover Cont

Move To Top Email Sort Columns By: Layout Position Order: ▲ Ascending

Grade Information Bar: Grade Type: Grade Points Possible: 100 Displayed As: Score Visible to Users: Yes

Last Name	First Name	Avg. %	Current Score	Max Score	Current Score	Max Score
Alva Edison	Thomas	88.00%	88	100	88.00	100.00
Copernicus	Nicolaus	92.00%	92	100	92.00	100.00
Curie	Marie	100.00%	100	100	100.00	100.00
Darwin	Charles	100.00%	100	100	100.00	100.00
DaVinci	Leonardo	97.00%	96	100	97.00	100.00
Descartes	Rene	100.00%	100	100	100.00	100.00
Einstein	Albert	68.00%	67	100	68.00	100.00
Franklin	Benjamin	100.00%	100	100	100.00	100.00
Galilei	Galileo	100.00%	95	100	100.00	100.00
Newton	Isaac	42.00%	42	100	42.00	100.00
Planck	Max	100.00%	100	100	100.00	100.00

Selected Rows: 0

## Benefits

- ❖ Grading can be an incredibly time consuming process. That's why we've invested in a grading experience that allows you to make changes to letter grades and point values on the fly with In-Line Grading.
- ❖ Simply double-click in the cell that needs updating and change the value at any time.
- ❖ Graders also have the option to take it a step further and add comments and provide feedback in-line and on the fly!

# IIS – Educator Observation and Evaluation

## Educator Effectiveness



**Administrators**

Maintain visibility of the observation process and easily delegate efforts to other authorized observers.



**Educators**

Easily communicate with observers and monitor your own results.

# IIS – Educator Observation and Evaluation

	Features	Benefits
Educator Effectiveness	❖ Delegate Observation Tasks	❖ Involve qualified staff in the observation process
	❖ Comprehensive Reporting	❖ Track performance scores and overall evaluation progress in real-time
	❖ Access Groups	❖ Control access to observation activities by role

# IIS – Professional Growth Management & Support

## Educator Effectiveness



**Administrators**

Simplify the growth planning process –  
from  
Creation, to follow up, to completion.



**Educators**

Develop and monitor your growth plans  
in an easily accessible, secure location.  
Receive the support you need to reach  
your goals.

# IIS – Professional Growth Management & Support

	Features	Benefits
Teacher Effectiveness	❖ Action Plans	❖ Outline exactly the support that will be provided to the educator so that the Goal Plan will be met
	❖ Support Teams	❖ Assign staff to support the educator, and record all support activities
	❖ Educator Feedback	❖ The educator provides valuable feedback in real-time, visible to both the Support Team and administration

# IIS – Mentor Administration

## Educator Effectiveness



Administrators

- Assignment process and management
- Workload management



Educators

- Easily communicate with mentors

# IIS – Mentor Administration

	Features	Benefits
Teacher Effectiveness	❖ Assign Mentors to Educator Goal Plans	❖ Give qualified staff customized access to create and complete Action Plans for Educator Goal Plans
	❖ Mentor Assignment Reporting	❖ View Mentor-to-educator assignments to balance Mentor workload
	❖ Full Mentor and Educator Feedback Visibility	❖ Monitor all Mentor and educator activities and feedback in real-time

# IIS – Educator Observation and Evaluation

## Focus Features



Type Your Evidence Here:

  
# Characters: 0/1000

Select Component(s) Associated with this Evidence

Students take turns to ask questions

- 2a: Creating an Environment of Respect and Rapport
- 2b: Establishing a Culture for Learning
- 2c: Managing Classroom Procedures
- 2d: Managing Student Behavior

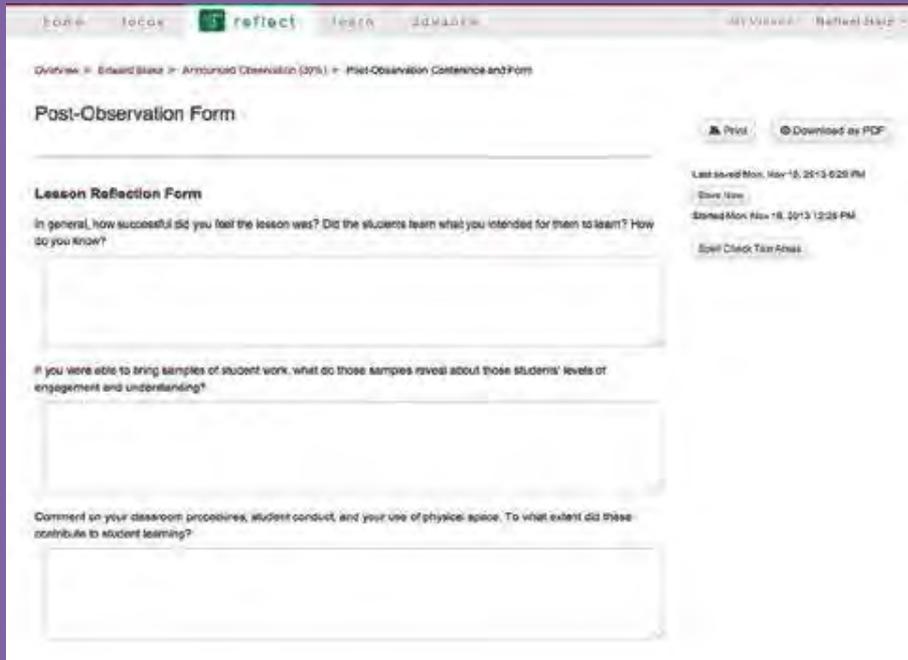
## Benefits

- ❖ Observer training
- ❖ Scoring practice
- ❖ Initial proficiency assessment
- ❖ Calibration
- ❖ Recertification

# IIS – Educator Observation and Evaluation

## Reflect Features

### ❖ Observation and Collaboration Forms



The screenshot displays the Reflect web application interface. At the top, there is a navigation bar with the Reflect logo and the text "reflect learn | ADVANCE". Below the navigation bar, the breadcrumb trail reads "Overview > Edward Blake > Announced Observation (37%) > Post-Observation Conference and Form". The main content area is titled "Post-Observation Form" and includes a "Print" button and a "Download as PDF" button. Below this, there is a "Lesson Reflection Form" section with the question: "In general, how successful did you feel the lesson was? Did the students learn what you intended for them to learn? How do you know?". This is followed by a large text input field. Below the input field, there is another question: "If you were able to bring samples of student work, what do those samples reveal about those students' levels of engagement and understanding?". This is followed by another large text input field. At the bottom, there is a final question: "Comment on your classroom procedures, student conduct, and your use of physical space. To what extent did these contribute to student learning?". This is followed by a third large text input field. On the right side of the form, there are several buttons: "Last saved Mon, Nov 18, 2013 6:28 PM", "Save Now", "Saved Mon Nov 18, 2013 12:28 PM", and "Exit? Check Task Area".

## Benefits

- ❖ Pre- and post-observation forms
- ❖ Teachers are actively involved in the evaluation process
- ❖ Educators can use handheld devices for classroom walkthroughs, plus iPads and laptops for observations of teaching.

# IIS – Educator Observation and Evaluation

## Learn Module

### ❖ Online Professional Development



The screenshot displays the Teachscape Learn interface. At the top, the logo 'Teachscape learn' is visible. Below it, there are navigation links: 'Overview', 'My Learning', 'Courses and Learning Resources', and 'My Contributions'. The main content area is titled 'Browse Course Catalog' and shows a search bar with 'ENGLISH' entered. A sidebar on the left lists categories: 'Browse Course Catalog', 'Learning Resources', and 'Course Cloning Resources'. The main content area features a course titled 'English Language Learners: Listening and Speaking' with a 'New' badge. The course overview includes sections for 'This Page', 'National Standards', 'Meet the Teachers', 'Authors and Authors', 'Teaching Examples', and 'Perspectives'. The 'Teaching Examples' section lists four items: '1. Developing Active Learning Skills', '2. Enhancing Comprehension', '3. Supporting Speaking Skills', and '4. Building Listening Skills'. The 'Perspectives' section includes 'Teacher Reflections', 'Specialist Commentary', 'Adopting Instruction', and 'Assessment'. A 'Listening and Speaking for English Language Learners' section features a photo of a child speaking into a microphone and a text block describing the teaching case, followed by a bulleted list of key practices.

## Benefits

- ❖ Makes it easy to access in-progress learning activities and to search the entire professional learning catalog.
- ❖ Increases educator knowledge of the Common Core State Standards (Arizona College and Career Ready Standards), the Charlotte Danielson Framework for Teaching, and the InTASC standards

# Statewide Student Information System - SSIS



Provides an alternative for LEAs looking to reduce per student costs and eliminate the burden of contract negotiation and management

# Benefits of opting into the state system

- Cost savings
  - Lower per student licensing costs
- Access to the ADE Resource Center
  - Customer support team
  - ADE training program
  - ADE implementation team
  - Data conversion, set up and configuration



# State Reporting Benefits

- Improved state reporting functionality and flexibility
  - Submit push data weekly
  - State SIS will be AzEDs compliant
- Improved exception reporting
  - Standardized data presentations
  - Desegregates student information errors
  - Flexible reporting formats (csv, pdf, etc.)
- ***Standardization means quick, easy reporting***



# Administrative Benefits

- Not only will choosing the statewide SIS cost you less, it will simplify your entire IT setup
  - No management of software updates
  - Failover and disaster recovery
  - No local hardware to support
- Eliminate need for procurement process at the LEA level
- ADE partners with LEAs to manage LEA-vendor relationship

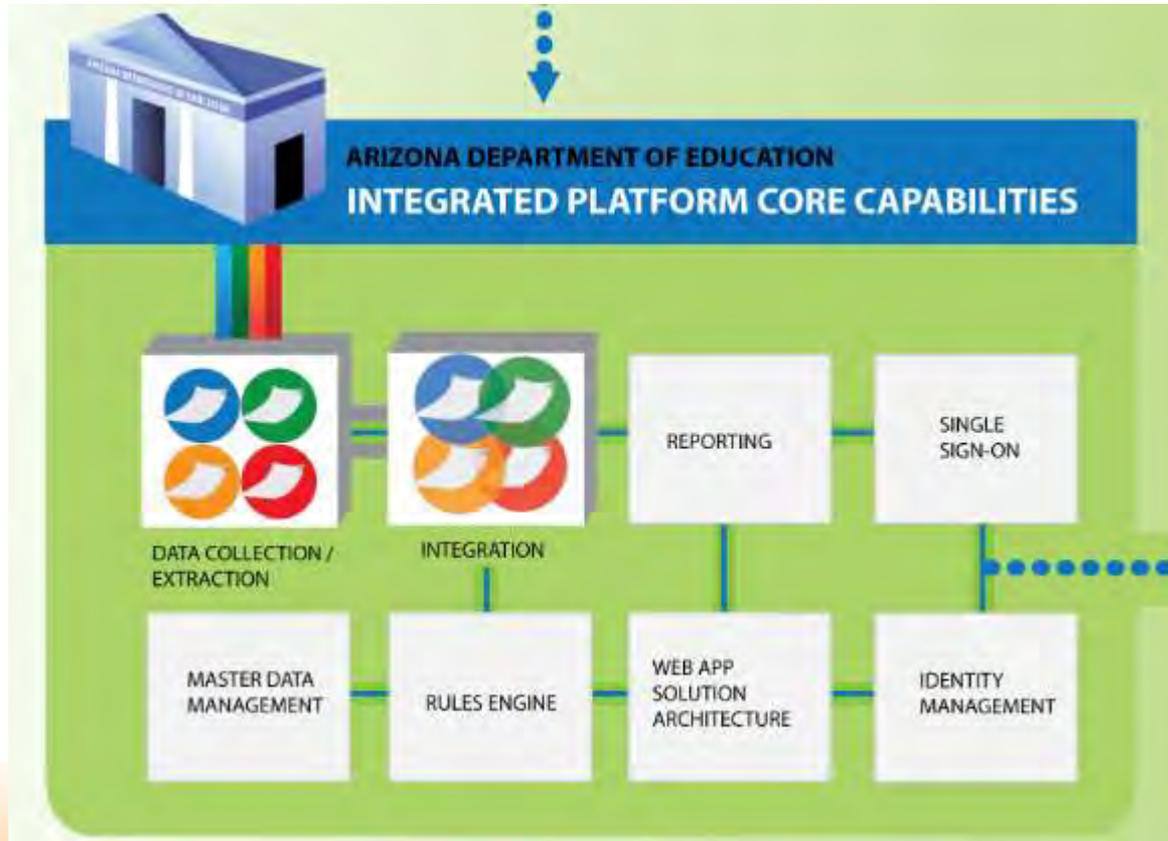


# First Year Implementation Benefits

- Run the new SSIS in parallel with your existing system
- Provide input and direction on workflow processes
- Provide input for enhancements of the state reporting functionality
- Develop and recommend best practices



# Universal Benefits of AELAS Statewide Opt-In Systems



# Universal Benefits of AELAS Statewide Opt-In Systems

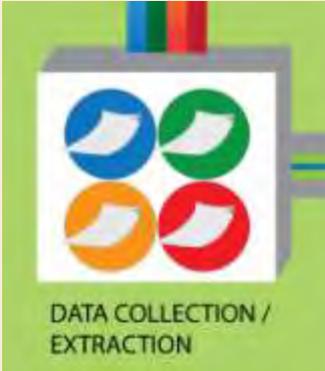
- Enables districts of all sizes to normalize costs of instructional and administrative support systems
- Seamlessly integrates with data across systems
- Shares a single data source
- Supports flexible selection of all tools
- Time saved from procurement process



# AELAS Architecture Benefits

Features	Benefits
<p>❖ <b>ADE Connect</b></p>  <p>A square icon with a green border and a white center. The text 'IDENTITY MANAGEMENT' is written in black, uppercase letters in the center of the white square.</p>	<ul style="list-style-type: none"><li>❖ Permission-based access</li><li>❖ One-click to all applications</li><li>❖ Save time</li></ul>

# AELAS Architecture Benefits

Features	Benefits
<p>❖ <b>AzEDS</b></p>  <p>DATA COLLECTION / EXTRACTION</p>	<ul style="list-style-type: none"><li>❖ Eliminates hours of compiling and submitting data</li><li>❖ Data pushed from SIS at state level could be leveraged in other opt-in systems</li><li>❖ Saves time</li></ul>

# AELAS Architecture Benefits

Features	Benefits
<p>❖ <b>Integration</b></p>  A graphic illustrating integration. It features four overlapping circles in blue, green, orange, and red, arranged in a 2x2 grid. The circles are set against a white background with a green border. Below the circles, the word "INTEGRATION" is written in black capital letters. <p>INTEGRATION</p>	<ul style="list-style-type: none"><li>❖ Streamlines the transfer of data and content</li><li>❖ Repeatable processes</li><li>❖ Saves time</li></ul>

# AELAS Architecture Benefits

Features	Benefits
<p>❖ <b>Rules Engine</b></p> 	<ul style="list-style-type: none"><li>❖ Easily modify business rules mandated from state or federated laws rather than hard code</li><li>❖ Enables customization of profile, dashboard, etc. per program such as MCESA REIL and ADE Educator Evaluation Models</li></ul>

## Interested in Opting In

- Want to learn more, please visit [www.azed.gov/AELAS](http://www.azed.gov/AELAS).
- **Contact ADE for more information at [AELAS@azed.gov](mailto:AELAS@azed.gov).**
- Let's start a conversation.
  - Share your current Instructional Improvement Systems (IIS) approach and usage.
  - Tell us which services you want to see ADE provide.



## Process to Opt-In

The process to opt in to use the AELAS Opt-In Systems will be straight-forward, and made available via a web-based form through which your district or charter school can sign up to opt in to use the systems described today. The form will be an agreement between ADE and your district or charter addressing the following.

- Services, license, support, payment
- Data privacy and security
- Your district or charter school's intellectual property





## Key Take Aways

- **AELAS** (*Arizona Education Learning and Accountability System*) is Arizona's new statewide data system.
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- Some AELAS systems and tools will be available for use by LEAs and schools at no cost, while others will have costs associated with opting in.





# ***Want to Learn More?***

Please contact us at: [\*\*AELAS@azed.gov\*\*](mailto:AELAS@azed.gov)

# **Thank you!**

