

Pearson Schoolnet CIITS/IMS Product Review

**Kentucky Department of Education
January 28, 2014**

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Pearson School Systems**

Agenda

- **2013 year in review**
- **15.4 features**
- **VOC's**
 - Password reset
 - Co-teaching
- **InBloom updates**
- **Clicker updates**
- **2014 roadmap**

2013 Product Highlights

- **Next generation assessment**
 - TEI's
 - Performance Tasks
 - Accommodations
- **Delivering instructional content: Assignments & Federated search**
- **Market-leading observation tool**

15.4

- **Equation Editor**
 - Updated characters/symbols
- **Teacher notes for items/assessments**
 - Share notes about effectiveness
- **Anchor papers**
 - To assist teachers and provide samples of quality work
- **Enhanced ScanIt upgrade process**
 - KDE controls upgrade

15.4, continued

- **Item statistics in Item Central**
 - Percentiles, stanines, medians, standard deviation, range, standard score, grade equivalent, normal curve, number tested, and more
- **Authoring and student input in Latin, Italian, and Chinese (simplified)**
- **TEI's, continued**
- **CAT tests**
- **Track accommodations per student, per test**

15.4, continued

- **Improved EQUELLA integration for assessment items**
 - API integration targeted for one customer initially, then available to all shortly after
- **Support newest item types on Android tablets**
- **Faster searching for tests, and overall test tunnel maintenance**
- **QTI updates**

VOC'S

Password reset

- Manual update process in place today
- VOC for complexity, expiration, and special character support
- Any updates on ADFS front?
- *Current target is 16.0 (to be confirmed)*

Co-teaching model

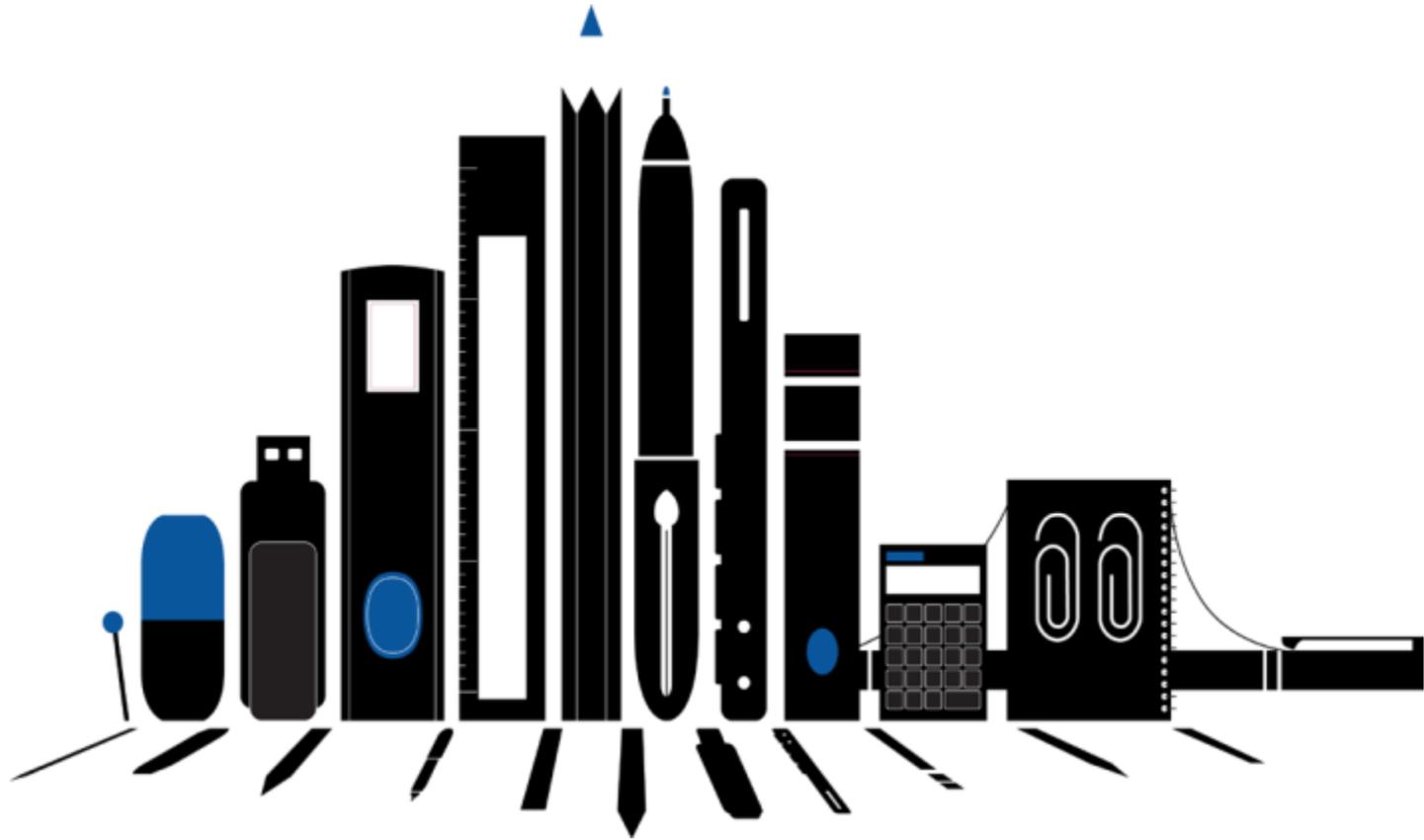
- **Multiple teachers per section**
- **One teacher is identified as primary**
- **All able to schedule, assign, and score tests for their students**
- ***Not yet scheduled***

InBloom

- **Poised to support customers who plan to use it**
- **Customer impetus waning**
- **Limited data flow today with InBloom**

Clickers

- **Currently supported devices listed on PowerSource**
- **Turning/eInstruction**
 - Schoolnet Product leadership met with Turning in Q4 to assess development gaps and schedules
 - Development meeting in late December
 - Schoolnet actively working to support their integration against our API's
 - Turning to update their Device Manager to support more devices (eInstruction)
 - Pearson Product Marketing to work with Turning on messaging



Schoolnet

Update and 2014 Roadmap

Next generation assessment: Technology Enhanced Items (TEI's)

We created a market-leading solution with support for next-generation assessment item types, including:

- Matching
- Hot Spots
- Drag-and drop

Students can also use a variety of manipulative tools to support their responses.

- Ruler
- Compass
- Protractor
- Calculator
- Highlighter
- Formula sheet

The screenshot shows a test management interface. On the left, under 'Test Actions', there are links for 'Copy Test', 'Delete this Test', 'Score Test', and 'View Usernames'. Below these are sections for 'Data Collection Status', 'Schedule Information', 'Associated Resources', 'Test Properties', and 'Customize Test'. On the right, under 'Test Content', there are two items. Item 1 is a 'Hot Spot - Single Selection from Item Central' with a map of the UK and the question 'Which one is Glasgow?'. Item 2 is a 'Hot Spot - Multiple Selection from Item Central' with the same map and question. Both items have an 'Actions' menu with options like 'Correct Answer', 'Point Value', 'Standard ID', 'Formula Reference Sheet', and 'None'.

The screenshot shows a matching question interface. At the top, it says 'Drag your selected answer choice to the appropriate question container:'. There are four boxes at the top containing the phrases 'quick brown', 'slow blue', 'lazy dog', and 'Oklahoma'. In the center is a picture of a cowboy on a horse. Below the picture is a box containing 'Oklahoma'. At the bottom, there are three boxes: a portrait of William Shakespeare, a text box with 'The _____ first jumps over the _____', and a box containing 'Rodgers and Hammerstein'.

The screenshot shows a toolbar with various drawing tools. From left to right, the tools are: a highlighter, a ruler, a compass, an eraser, a pencil, a selection tool, and a text tool.

The screenshot shows a protractor tool interface. It features a semi-circular protractor with degree markings from 0 to 180. A triangle is drawn on the protractor with one vertex at the center. The angle at this vertex is labeled 'A'. Below the protractor, there is a text box with the question 'Using the protractor, what is the angle of A?' and an 'Answer:' field.

Next generation assessments: Performance Tasks

Tasks provide students multiple opportunities to demonstrate their knowledge and prompt the use of higher-order thinking skills such as analysis, synthesis and evaluation.

The task is a container for other item types that may be placed onto a test. Each activity within the task can build on the previous one.

Task [change type]

Steps to Complete

- Select a subject
- Select a grade level
- Add an activity
- Enter a name
- Enter content

Name:

Publisher:

Keywords:

[Show More](#)

Question Instructions

[Click here to add content.](#)

Activities

You haven't added any activities yet. [Select 'Add Activity'](#) building this task.

[Add Activity](#)

- Multiple Choice
- True/False
- Gridded
- Open Response
- Inline Response
- Matching
- Import from Item Central**

Activity A

Question

Snap a picture of a sales flyer or online catalog that you will use.

Answer

[Austin.jpg](#)

Test Response Summary

Now is your chance to go over and double check your answers before the test is graded.

Warning: You have 1 incomplete and 1 unanswered question(s).

1	Answered	2	Instructions	2A	Answered
2C	Answered	2D	Answered	2E	Incomplete
2G	Answered				

Pre-Formatted Reports: Benchmark Test Item Analysis

[Back Report](#) [Create PDF File](#) [Share in Book](#)

Table 1: Benchmark Test Item Analysis

Question Number - Type	Responses	Items / Multiple	Points Achieved / Possible	Percent Correct	Benchmark IP Value*	Item-Fit Score / Correlation**
1 - Task	None		0 / 100	0%	0.202	
1.A - Inline Response	None		0 / 0	0%	0.379	
Step 1	A: 0% B: 0% C: 0% D: 0%		0 / 0	0%		
Step 2	A: 0% B: 0% C: 0%		0 / 0	0%		
Step 3	A: 0% B: 0% C: 0%		0 / 0	0%		
Step 4	A: 0% B: 0%		0 / 0	0%		
10 - True/False	A: 0% B: 0%		0 / 0	0%	0.500	0.500
10 - Matching	Show		0 / 0	0%	0.500	0.500
10 - Multiple Choice	A: 0% B: 0% C: 0% D: 0%		0 / 0	0%	0.500	0.500
10 - Open Response			0 / 0	0%	0.500	0.500
2 - Matching	Show		0 / 0	0%	0.500	0.500
3 - Inline Response	A: 0% B: 0% C: 0% D: 0%		0 / 0	0%	0.500	0.500

Next generation assessment: support for accommodations for students with special needs

We are expanding our support
of online assessment
accommodations for learners
with a variety of needs

- Screen readers
- Braille printing
- Magnification
- Reverse contrast (in line
with APIP specification)

Student Overview	Standardized Tests	Growth Reports	Disciplinary Incidents	Programs	Learning Teacher
Personal Information					
Guardian or Parent	-				
Address	525 Fashion Ave, 4th Floor New York, NY 10018				
Telephone	646-496-9000				
Date of Birth	4/14/1996				
Gender	Male				
Ethnicity	NOT Hispanic/Latino				
Race	Black				
Race Reporting Category	Black				
Lunch Status	Free lunch				
Special Education	NA				
Gifted & Talented	NA				
Test Accommodations	Reverse Contrast				



Delivering instructional content: Federated search & assignments

Teachers can search for and assign a variety of instructional materials that live outside of Schoolnet. Partners include:

- Pearson OLE
- SAS Curriculum Pathways
- Discovery Education

Students access assignments from a redesigned student portal

Search Results

Select Subject: [] Select Grade: []

Materials: [] Type Keyword(s): [] **Search**

[Go to My Materials](#)
[Pending Materials](#)

[Reset Filters](#)

District/Local (15,163) **SAS/CurrPathway (1,137)** **Discovery Ed. (167,892)**

Previous Sort by: Title Results 1 - 10 of 1137

- 'Guantanamo' and Versos Sencillos**
Other subject: Foreign Language and Literature, Gr 6 - Gr 12
Through this lesson, students explore the poetry of José Martí's Versos Sencillos and the song 'Guantanamo,' often called the unofficial
[Preview](#) [Save](#) [Schedule](#)
- 'Let's' Commands**
Other subject: Foreign Language and Literature, Gr 9 - Gr 12
Intended for intermediate level students, this lesson emphasizes the formation of indirect commands and first-person plural commands as
[Preview](#) [Save](#) [Schedule](#)
- 'Lo Fatal'**
Other s...

Search Results

Find: Materials Type Keyword(s) Search [Go to My Materials](#)

[Reset Filters](#)

Material Types

- Curricular Units (3)
- Instructional Units (8)
- Lesson Plans (8)
- Assessments (6)
- Resources (12)

Intended Audience

- For Educators (2,568)
- For Students (12)

Subject

- English Language Arts (12)

More Subjects

Grade

- Kindergarten (0)
- Gr 1 (0)
- Gr 2 (0)
- Gr 3 (0)
- Gr 4 (0)
- Gr 5 (0)

Subject: English Language Arts **Grade Level: Gr 8**
Created By: Columbus Public Schools
Publisher: Columbus Public Schools **Duration: 0 Minutes**

[View Material Detail](#)

Assigned By Me (0) Assign

- The World's Largest Continents**
English Language Arts, Gr 8
Resources linked to Lessons for Grade 8: Haymitch's Plan, Reborn They Get It Just
[Preview](#) [Assign](#)
- 101 Other Ways to Say "Sad" Instructio...**
English Language Arts, Gr 8
Resources linked to Lessons for Grade 8: Introduction to Writing—Writing Process and Dialogue
[Assign](#)

Assignments: Week of May 19

[Cancel](#)

May 19 - Sunday

- Angles, Angles, and More Angles
[Open](#)

May 20 - Monday (Today)

- A Restoration and 18th-Century Panama
[Open](#)
- Area and Circumference of a Circle
[Open](#)

May 21 - Tuesday

- Age of Exploration: Spain in the New World
[Open](#)
- Area and Perimeter of Similar Polygons
[Open](#)

May 22 - Wednesday

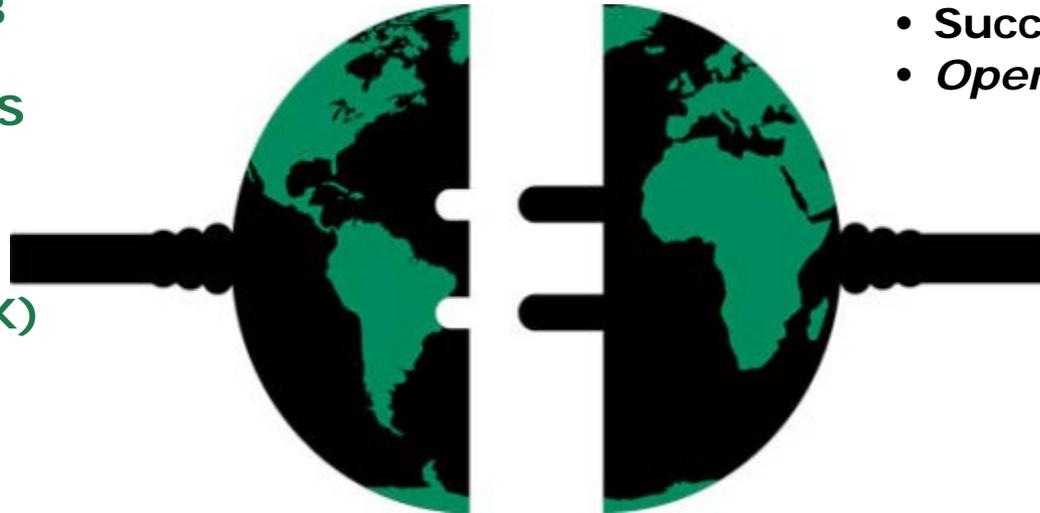
- A Fun Day in the City
[Open](#)
- A "Number" of Facts in Nicaragua
[Open](#)

Today

2013: Integration and interoperability

- Federated search: Teachers can search for and *assign* SAS Curriculum Pathways, Discovery ED, Pearson OLE resources
- Embrace of standards: LTI 1.1, QTI, SAML
- Pearson K12 “EdCloud” provides enterprise-level interoperability (roster sharing and SSO) with key learning platforms

- PowerSchool (23 districts)
- PowerSchool SMS (Orange Country SMS - ~ 175K)
- Escambia, FL (Schoolnet ~ 45K)



- Pearson SuccessNet
- SuccessNet +
- *OpenClass*

- 2014:
- AimsWeb
 - Realize
 - iLit

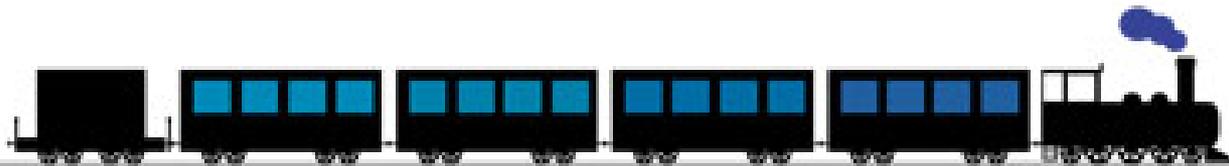
• 450K students; 3 Million SSOs; 150K student enrollments; Teacher timesaving= 2000 hours

Heading into 2014

- Readiness for next gen assessments (cont.)
- Access to diverse content (LOR's)
- 1:1 and personalized learning initiatives
- Desire to leverage investments in current technology
- Focus on the teacher!
- Implementation of educator effectiveness programs driving requirements across EDS and IMS



2014 Roadmap



2013-2014 Schoolnet IMS

Personalized Learning	Digital Content	Instructional Delivery
<p>Build increasingly adaptive capabilities to provide dynamic learning experiences and data-driven resource recommendations and interventions management</p>	<p>Integrate basal curriculum and supplemental learning objects from Pearson, 3rd Party and Open sources to provide rich instructional resources in a single system</p>	<p>Extend Schoolnet's rich lesson and curriculum planning capabilities to support delivery in the classroom and directly to students, online on multiple devices</p>
		
Collaboration	Balanced Assessment	Integrations
<p>Engage students, parents and teachers in online learning with integrated tools for projects, collaboration and social interactions</p>	<p>Provide a holistic view of student performance and mastery with formative, interim and summative assessments aligned to skills and standards</p>	<p>Extend the power of Schoolnet with easier content and application integrations based on scalable solutions aligned to industry standards</p>

2014 Top 5 initiatives: IMS

- **Technology Enhanced Assessment Items.** Support customers in their preparation for PARCC and SBAC online tests with import, authoring and delivery of a range of new interactive item types and capabilities.
- **Online Student Portfolio.** Give students the tools to build a digital repository of work that demonstrates a deeper understanding of skills and reveals progress towards mastery over time.
- **Interactive Learning Maps.** A robust set of new mastery-based interactive reporting capabilities designed to provide insight into student, class and institutional progress toward mastery of key skills and standards.
- **Online Instructional Delivery.** Extend Schoolnet's rich lesson and curriculum planning capabilities to support assignment and recommendation of digital content directly to students, online on multiple devices.
- **Communication and collaboration tools.** Provide students, teachers and parents with blogs, wikis, discussion boards and document collaboration tools to support project-based learning and increased engagement.