



**Schoolnet Instructional Improvement System**  
Version 15.2 Release Notes  
October 2013

## **About the Release Notes**

The release notes highlight new features made available to customers in a given release of Schoolnet. The release notes include a description of new capabilities, affected users, and anticipated usage patterns. For information related to implementing and using new features, please visit Schoolnet online help or the Schoolnet User Guides located on Powersource.

# TABLE OF CONTENTS

<b>TABLE OF CONTENTS</b> .....	<b>3</b>
<b>15.2 OVERVIEW</b> .....	<b>5</b>
<b>ASSESSMENT ENHANCEMENTS</b> .....	<b>6</b>
HOT SPOT – SINGLE SELECTION AND HOT SPOT – MULTIPLE SELECTION .....	6
PERFORMANCE BASED TASKS: UPDATED REPORTING TO SUPPORT PERFORMANCE BASED TASKS .....	8
PERFORMANCE BASED TASKS: ANSWER SHEET AND SCANIT UPDATES .....	10
PERFORMANCE BASED TASKS: CSV FILE UPLOAD FOR BULK SCORING OF ASSESSMENT RESULTS .....	11
PERFORMANCE BASED TASKS: STUDENTS HAVE THE ABILITY TO UPLOAD A FILE VIA THE ONLINE TEST TUNNEL AS AN ANSWER TO A QUESTION .....	13
EXPANDED SUPPORT FOR ITEM STATISTICS .....	15
SUPPORT FOR ADVANCED ITEM STATISTICS .....	17
CREATE EXPRESS TEST: FILTER ITEMS BY ITEM STATISTICS .....	20
SEARCH ITEM CENTRAL BY DEFAULT ITEM STATISTICS BEHAVIOR .....	22
DISPLAY ADDITIONAL ITEM STATISTICS IN REPORTS .....	25
ITEM CO-AUTHORING .....	27
STUDENT SELF-ASSESSMENT .....	29
SUPPORT ITEM AUTHORIZING IN FRENCH AND GERMAN .....	32
THESAURUS, GRAMMAR CHECKER, AND GRADE LEVEL VOCABULARY TOOLS .....	34
EDITOR IN THE TEST TUNNEL.....	35
NEW FEATURE SUPPORTS STUDENT AUTHORIZING IN SPANISH, FRENCH, AND GERMAN .....	36
EXPORT ASSESSMENT ITEMS .....	37
RESTRICT ACCESS TO TESTS FROM UNAUTHORIZED LOCATIONS .....	39
EXCLUDE UNANSWERED QUESTIONS FROM SCORE .....	41
COPY AND PASTE RESTRICTION IN TEST TUNNEL .....	43
EXPANDED SCREEN READER SUPPORT IN THE ONLINE TEST TUNNEL .....	44
SCREEN READER LIMITATIONS.....	45
SCREEN MAGNIFICATION.....	46
BRAILLE PRINTING.....	46
<b>GENERAL IMS ENHANCEMENTS</b> .....	<b>47</b>

INBLOOM AS A DATA PROVIDER..... 47  
NEW DATA FIELDS IN STUDENT PROFILE: GPA, CREDITS ATTEMPTED, CREDITS EARNED ..... 48  
CONFIGURATION TO DISPLAY ALL SCHOOLS FOR A STUDENT ENROLLED IN TEACHER’S SECTION ..... 49  
CHANGE ANSWER SHEET GENERATION TO A BACKGROUND TASK ..... 51

## 15.2 OVERVIEW

### **Pearson is pleased to announce the release of the Schoolnet Instructional Improvement System Version 15.2**

Based on your feedback and in anticipation of your needs, we have made a series of improvements across the Schoolnet suite. Some of the key highlights from this release include:

#### Instructional Management System:

- **Performance Based Tasks:** Districts and schools are now able to aggregate data on performance based tasks, as well as administer the assessment via system-generated answer sheets.
  - **New Technology Enhanced Item: Hot-Spot:** Test authors are now able to author, edit, and report against Hot-Spot assessment items.
  - **Accommodations:** We have introduced expanded support for students with visual impairments. Screen readers, magnification, and Braille printers are now supported when taking an assessment in the test tunnel.
  - **Enhanced Language Support:** Test authors are now able to author assessment items in German and French. Students are also now able to construct assessment responses in German, French, and Spanish.
-

## ASSESSMENT ENHANCEMENTS

### **HOT SPOT – SINGLE SELECTION AND HOT SPOT – MULTIPLE SELECTION**

Schoolnet can author the following technology enhanced item types:

- Hot Spot – Single Selection
- Hot Spot – Multiple Selection

#### **Rationale and context:**

The ability to author or edit hot spot items allows assessment item creators to utilize these item types on all online tests. These item types allow the student to directly interact and engage with the question content.

#### **Target users and usage patterns:**

- Teachers and assessment content writers can select whether they want to create a hot spot – single selection item or a hot spot – multiple selection item.
- Hot Spot items function as all other item types in the application. They can be created and shared with others for use on assessments.

#### **Key features and capabilities:**

- Images are uploaded to the system and a hotspot (Square, Circle, or Polygon shape) can be defined for each answer choice.
- Multiple Selection items allow for more than one correct response:
  - Score is based on the standard QTI multiple selection scoring model
  - Minimum and maximum required responses can be defined
  - Negative scores can be assigned to distractor responses
- The Student, Parent, and Teacher Portals have been updated to accurately display both Hot Spot - Single Selection and Hot Spot - Multiple Selection Technology Enhanced items.
- Hot Spot - Single Selection and Hot Spot - Multiple Selection Technology Enhanced items can now be modified for tests that have a test stage status of In Progress and Completed.

#### **Where in the product it can be found:**

- Hot Spot test items can be authored or edited in item central or from a test's detail page.

**Hot Spot - Single Selection** [\[change type\]](#)

**Question Content**

Select Manhattan on the image below

**Answer Choices**

A Brooklyn  Hotspot  
Worth 0 points  Correct response  Teacher Explanation | Student Explanation

B Manhattan  Hotspot  
Worth 1 points  Correct response  Teacher Explanation | Student Explanation

C Queens  Hotspot  
Worth 0 points  Correct response  Teacher Explanation | Student Explanation

D The Bronx  Hotspot  
Worth 0 points  Correct response  Teacher Explanation | Student Explanation

E Staten Island  Hotspot  
Worth 0 points  Correct response  Teacher Explanation | Student Explanation

**Canvas**

**Screenshot 1 - Hot Spot – Single Selection**

**Hot Spot - Multiple Selection** [\[change type\]](#)

**Question Content**

Select all even numbers in the below grid

**Answer Choices**

A one  Hotspot  
Worth 0 points  Correct response  Teacher Explanation | Student Explanation

B two  Hotspot  
Worth 1 points  Correct response  Teacher Explanation | Student Explanation

C three  Hotspot  
Worth 0 points  Correct response  Teacher Explanation | Student Explanation

D four  Hotspot  
Worth 1 points  Correct response  Teacher Explanation | Student Explanation

E five  Hotspot  
Worth 0 points  Correct response  Teacher Explanation | Student Explanation

F six  Hotspot  
Worth 1 points  Correct response  Teacher Explanation | Student Explanation

**Canvas**

**Item Preferences**

**Response Range**  Set Accepted Response Range  
Min 1 and 4 Max

Allows for a minimum and maximum number of responses to be defined.

**Screenshot 2 - Hot Spot – Multiple Selection**

## **PERFORMANCE BASED TASKS: UPDATED REPORTING TO SUPPORT PERFORMANCE BASED TASKS**

### **Rationale and context:**

Performance Based Tasks were introduced last release and district level reporting was updated to support this new item type. Five pre-formatted reports were addressed as part of the update.

### **Target users and usage patterns:**

When assessments contain tasks, administrators will now be able to see the aggregate results of the task item and distribution of tasks, and their associated activities across the district/state.

### **Key features and capabilities:**

- Benchmark Item Analysis Pre-Formatted Report
- Benchmark Item Analysis – New Format Pre-Formatted Report
- Benchmark Performance by Standard, Benchmark Test – Standards Analysis by School and Section Enrollment (No UI changes here)

### **Where in the product it can be found:**

School and District Data – Pre-Formatted Reports

**Pre-Formatted Reports: Benchmark Test Item Analysis**

Save Report Create PDF File Export to Excel

Data Selections (edit)

Institution(s): All Regions All School Types All Schools  
 Benchmark Administration: 07/01/13 Test with This  
 Trend Profile: 2010-2011  
 Subject: All Subjects  
 Test Focus: All Test Focuses  
 Test Level: All Benchmark Test Levels  
 Test Category: District Benchmark, District Predictive  
 Benchmark, Early Childhood, MOY, Practice OAA/OGT, Region  
 Benchmark, School Benchmark  
 Grade: All Grade Levels  
 Enrollment: Current

Number of questions: 9  
 Number of test-taking students: 2

**Benchmark Test Item Analysis**

Question Number - Type	Responses	None / Multiple	Points Achieved / Possible	Percent Correct	Difficulty (P Value)*	Item-Total Score Correlation **
1 - Task	Hide		53 / 188	28%	0.282	
1A - Inline Response	Hide		3 / 8	38%	0.375	
Gap 1	A 50% B 0% C 0% D 0%		50%			
Gap 2	A 0% B 50% C 0%		50%			
Gap 3	A 0% B 0% C 50%		50%			
Gap 4	A 50% B 0%		50%			
1B - True/False	T 50% F 0%		50%	1 / 2	50%	0.500
1C - Matching	Show		0 / 4	0%	0.000	
1D - Multiple Choice	A 50% B 0% C 0% D 0%		50%	11 / 22	50%	0.500
1E - Open Response			0 / 76	0%	0.000	
2 - Matching	Show		3 / 6	50%	0.500	
3 - Inline Response			1 / 2	50%	0.500	
	A B C D	n%				

**Screenshot 1: Benchmark Item Analysis Pre-Formatted Report**

## Pre-Formatted Reports: Benchmark Test Item Analysis - New Format



[Save Report](#)
[Create PDF File](#)
[Export to Excel](#)

### Data Selections [\(edit\)](#)

Institution(s): All Regions All School Types All Schools

Benchmark Administration: 07/01/13, Test with Taks

Trend Profile: 2010-2011

Subject: All Subjects

Test Focus: All Test Focuses

Test Level: All Benchmark Test Levels

Test Category: District Benchmark, District Predictive

Benchmark, Early Childhood, MOY, Practice OAA/OGT, Region

Benchmark, School Benchmark

Grade: All Grade Levels

Enrollment: Current

Number of questions: 9

Number of test-taking students: 2

### Student Responses

Question - Type		Correct		Incorrect		Most Common Mistake	Points Achieved / Possible	Difficulty (P-Value) *	Item-Total Score Correlation **
		Rate	Value	Total Rate	Rate				
1 - Task	<a href="#">Hide</a>						53 / 188	0.282	
1A - Inline Response	<a href="#">Hide</a>						3 / 8	0.375	
Gap 1		50%	A	50%					
Gap 2		50%	B	50%					
Gap 3		50%	C	50%					
Gap 4		0%	B	100%	50%	A			
1B - True/False		50%	T	50%			1 / 2	0.500	
1C - Matching	<a href="#">Hide</a>						0 / 4	-	
Gap 1		0%	A	100%					
Gap 2		0%	B	100%					
1D - Multiple Choice		50%	A	50%			11 / 22	0.500	
1E - Open Response							0 / 76	-	
1F - Gridded		50%	130	50%			38 / 76	0.500	
2 - Matching	<a href="#">Hide</a>						3 / 6	0.500	
Gap 1		50%	A	50%					

**Screenshot 2: Benchmark Item Analysis – New Format Pre-Formatted Report**

## **PERFORMANCE BASED TASKS: ANSWER SHEET AND SCANIT UPDATES**

### **Rationale and context:**

Answer sheets were updated to include tasks.

The layout of the answer sheet is now based on the test content. This was done in order to reduce the amount of paper required to print the plain paper answer sheets. A test containing only short response will print in a column format. For the above test, if it includes teacher scoring but does not include rubric scoring, the same layout will be leveraged and teacher scoring will be located on the right (provided there is space available). Any assessment containing rubrics, student capture, or teacher comments will list each question in a vertical column, one under the next. Lastly, an assessment level configuration was added to allow the test creator to turn on or off teacher comments when generating the answer sheets for the assessment.

A new version of ScanIt will be required for these updates.

### **Target users and usage patterns:**

Test administrators will be able to print out answer sheets for tests that include performance based tasks.

In addition, test creators will have the option of providing instructors with space on the answer sheet to add comments. These answer sheets can be scanned using ScanIt and results will appear in the application.

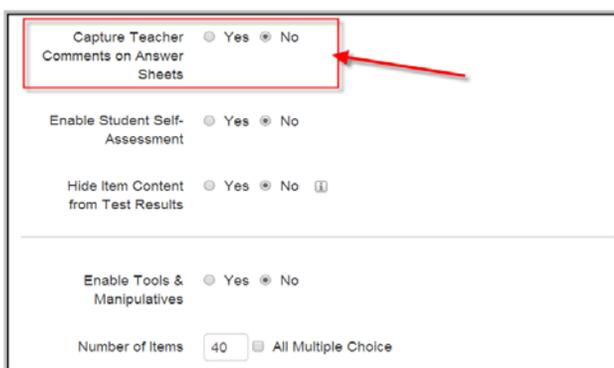
### **Key features and capabilities:**

- Capture teacher comments is now configurable for each assessment
- Activities will print as part of a task on the answer sheets
- Three layouts are available for generating answer sheets based on assessment content

### **Where in the product it can be found:**

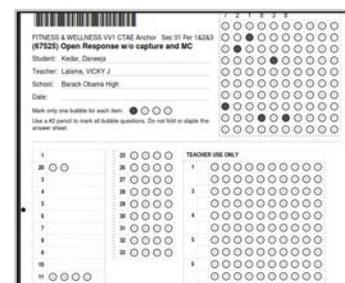
Assessment Admin > Create a test > Capture teacher comments

Assessment Admin > Find any test > Answer sheets



The screenshot shows a configuration panel with several options, each with a radio button. The 'Capture Teacher Comments on Answer Sheets' option is selected with the 'No' radio button. A red box highlights this option, and a red arrow points to it from the right. Other options include 'Enable Student Self-Assessment', 'Hide Item Content from Test Results', 'Enable Tools & Manipulatives', and 'Number of Items' (set to 40) with an 'All Multiple Choice' checkbox.

**Screenshot 1:** Capture Teacher Comments option



The screenshot shows a printed answer sheet for a test titled 'FITNESS & WELLNESS VYV CTAE Answer - Test 01 Per 14263 (67525) Open Response w/o capture and MC'. It includes fields for Student (Katie, Denise), Teacher (Lizette, VICKY J.), School (Barrick Obama High), and Date. The sheet contains a grid of bubbles for marking answers. A 'TEACHER USE ONLY' section is visible on the right side of the grid.

**Screenshot 2:** Answer sheet for a test with open response questions, no student capture, no rubrics, and no teacher comments

## **PERFORMANCE BASED TASKS: CSV FILE UPLOAD FOR BULK SCORING OF ASSESSMENT RESULTS**

### **Rationale and context:**

Test administrators will be able to bulk upload scores on assessments that include multi-dimensional rubrics and performance based task activities.

### **Target users and usage patterns:**

Administrators/Teachers that want to bulk score or bulk edit items on an assessment will be able to generate a CSV file that is specific to the assessment and upload student scores.

### **Key features and capabilities:**

A generic sample CSV file was provided for every assessment to instruct users on how to create the file.

The template has been updated to be test specific.

The file aligns to the exact number of questions that are on the test. For each question, the correct answer or max points for open response questions is displayed.

### **Where in the product it can be found:**

The CSV sample file can be found in Assessment Admin > View and Score Responses > Score > Upload File.

Passcode: SYCODEV7

Test Stage: Private Draft, Public Draft, Ready To Schedule, Scheduled, **In Progress**, Completed

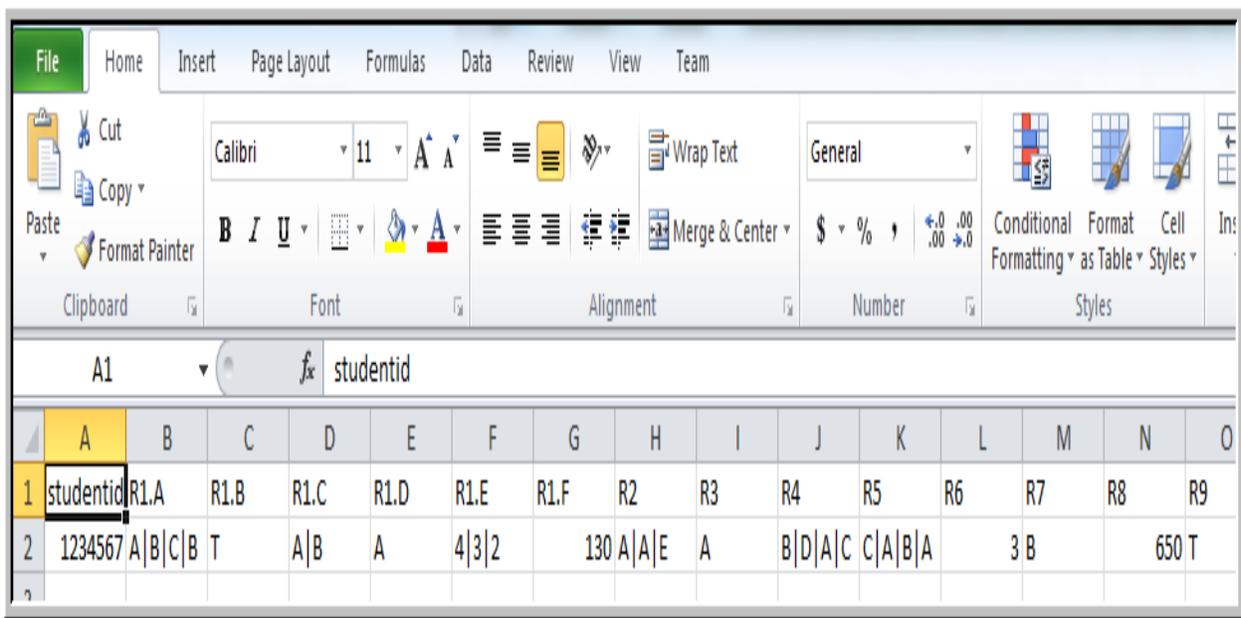
SUBJECT: Mathematics ADMINISTRATION DATES: 9/17/2013 - 9/24/2013  
GRADE LEVEL: Gr 9-Gr 12 COLLECTION STATUS: Not Started

Locate a Student, Locate a Section, Upload File, Online Test Bulk Scoring

Click 'Browse' to find the file to upload into the system and click 'Upload' to import the file.

File\*:  No file selected.  
File should be in a comma-separated (CSV) format

**Screenshot 1:** Download sample file generates a test specific file.



**Screenshot 2:** Open response items with multi-dimensional rubrics attached to them and activities within tasks are now supported.

**PERFORMANCE BASED TASKS: STUDENTS HAVE THE ABILITY TO UPLOAD A FILE VIA THE ONLINE TEST TUNNEL AS AN ANSWER TO A QUESTION**

**Rationale and context:**

An item creator will be able to set the response type of an open ended item to "Uploaded File". This will remove the text area on the online test tunnel and the secure tester, and students will be able to browse their computers and attach a file as their response to this question. Teachers will be able to download this file and score students based on the work that was uploaded. Students will also be able to download and view the uploaded files from their student portal.

**Target users and usage patterns:**

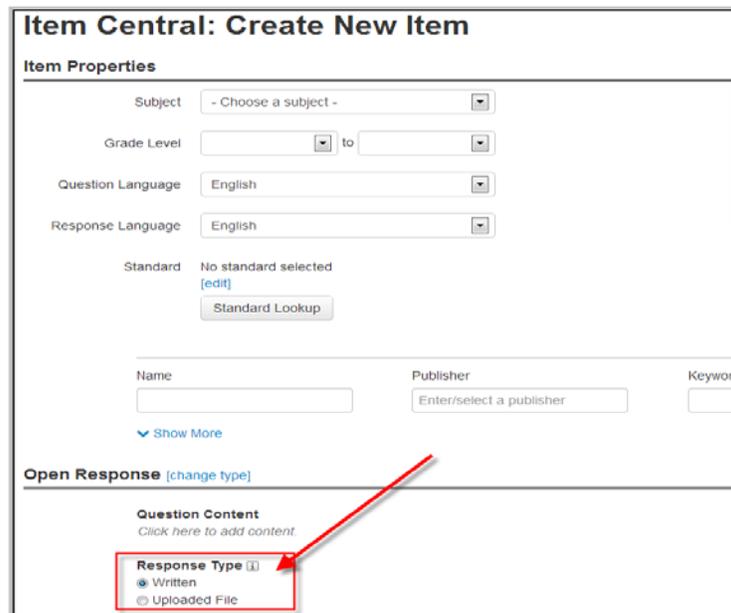
Students will be able to attach Microsoft Office files, images, video, and audio files from their desktops, flash drives, or any folder on their computers.

**Key features and capabilities:**

- Online Test Tunnel and Secure Tester support for uploading a file as the student answer
- Teachers and administrators can access the file(s) on the Score page, Student Profile, and Classrooms Item Analysis report
- Students can access their uploaded files via the student portal

**Where in the product it can be found:**

Assessment Admin > Create an item > Open Response  
Online Test Tunnel  
Assessment Admin > Find a test > Score Page  
Classrooms > Student Performance > Item Analysis  
Student Profile / Student Portal



**Screenshot 1:** Creating an item that has the file upload capability.

### Question 3 Activity A (1 of 8)

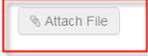
[Question Instructions](#)

Snap a picture of a sales flyer or online catalog that you will use to determine what you

#### Answer

Answer by attaching a file from your computer.

No file attached

 Attach File



#### Activity A

##### ▼ Question

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

##### ▼ Answer

 Austin.jpg



**Screenshot 2:** Item in the Online Test Tunnel that has the file upload capability enabled.

## **EXPANDED SUPPORT FOR ITEM STATISTICS**

We have expanded the array of Item Statistics metadata supported in Schoolnet to include Total Item Score Correlation (Discrimination), Item Mean, Score Point Distribution, and Rasch Item Difficulty.

### **Rationale and context:**

Providing a robust array of item statistics metadata enables users to evaluate the effectiveness of test items and to determine which items performed successfully, and those that performed poorly and may need to be revised. In addition, utilizing item statistics metadata as criteria for identifying items to include on a test results in more precise and fairer tests.

### **Target users and usage patterns:**

- Administrators and teachers will use item statistics to analyze how an item performed on a specific benchmark test.
- Item statistics will provide guidance as to which items may need to be revised.
- Test creators will utilize item statistics to identify items to include on a test and to determine an order for items within a test.

### **Key features and capabilities:**

- Support for four additional item statistics metadata values, including Total Item Score Correlation (Discrimination), Item Mean, Score Point Distribution, and Rasch Item Difficulty.
- Item Statistics are calculated for items on a benchmark test that has been administered to at least thirty students.

### **Where in the product it can be found:**

- Reports include P-value, Item Mean, Total Item Score Correlation (Discrimination), and Response or Score Point Distribution data.
- All item statistics applicable to a specific item type display in the Item Details for that item.

Type	Display Name
NCount	<input type="text" value="N-Count"/>
PValue	<input type="text" value="P-Value (Item Difficulty)"/>
ItemMean	<input type="text" value="Item Mean"/>
ResponseDistributionFields	<input type="text" value="Response Distribution Fields"/>
ItemTotalScoreCorrelation	<input type="text" value="Discrimination Level"/>
ScorePointDistribution	<input type="text" value="Score Point Distribution"/>
RaschItemDifficulty	<input type="text" value="Rasch Item Difficulty"/>

**Screenshot 1 - Support for an Array of Item Statistics**

# Item Detail



## Multiple Choice from Item Central

[View in Item Central](#)

During the Enlightenment, philosophers opposed the idea that rulers were granted political power divinely. Instead, the thinkers of the Enlightenment believed that the power of government is derived from the consent of the governed. These new ideas encouraged people to

- A support the establishment of theocracies.
- ✓ B engage in revolutions to establish democracies
- C vote for dictators
- D support absolute monarchies

Creator Name: **User, Anonymous**  
Date Created: **05/20/2009**  
Standard: **SOC.9.1.A.2**

### ► Properties

### ▼ Item Statistics

N-Count: **1192**  
P-Value (Item Difficulty): **0.73**  
Discrimination Level: **0.53**

## Response Distribution Fields

Answer Choice	Frequency of Response
A Most common error	9.06% (108/1192)
B Correct	73.49% (876/1192)
C	8.72% (104/1192)
D	8.31% (99/1192)
No Response	0.42% (5/1192)

**Screenshot 2 - Item Statistics Are Accessed in Item Details**

## **SUPPORT FOR ADVANCED ITEM STATISTICS**

We have introduced an option that allows clients to export test/item level results from Schoolnet for which advanced statistics studies can be conducted by Pearson and/or external psychometricians/researchers. Schoolnet imports the completed analytics data and associates it with the appropriate test items.

### **Rationale and context:**

With the exception of Rasch Item Difficulty, item statistics that enable users to analyze the performance of an item on a particular test can be calculated in Schoolnet. Clients utilizing items for test endeavors that require high levels of precision, e.g., Computer Adaptive Testing, need advanced item statistics analytics in which Rasch Item Difficulty, in addition to the range of item statistics, is calibrated for each item.

### **Target users and usage patterns:**

- A System Administrator will enable the Advanced Item Statistics option
- Administrators and teachers will tag a scheduled test for export of test/item level data
- Administrators and teachers will have access to advanced item statistics associated with each of the items in the exported data

### **Key features and capabilities:**

- A test can be tagged for export
- An export file with test/item results is automatically created and posted for retrieval
- A file with the completed advanced analytics is posted for retrieval by Schoolnet
- Advanced item statistics data is imported into Schoolnet and associated with test items

### **Where in the product it can be found:**

- System administrator will access System > General Settings > Config > options to set up Advanced Item Statistics
- Administrators and teachers will select the Export Test/Item Level Results for Advanced Analytics when they schedule a benchmark test

# System: General Settings



- Contact Us
- Design
- Institutions
- Tabs
- Student Profile
- Standards
- Subjects
- Score Type
- Event Log
- Scheduled Tasks
- Config
- Cache
- Mobile
- Configure Link Display
- API Mgmt

WARNING: The following system settings are essential to the proper working of your Schoolnet server. Do not modify any of these settings until you have consulted the corresponding entry in the SchoolNet Installation guide.

SchoolNet.Applications.Assess

Name	Value
AdvancedItemStatistics	true
AnswerKeyOnlyInTestTunnelEnabled	false
AudioUploadEnabled	true
AudioUploadMaxSize	4194304
ClickerEnabled	true
ELATestFocusEnabled	true
GradebookSyncEnabled	true
GrammarCheckerServerUrl	
OnlineTestEnabled	True
PartnerTestEngine	truePowered by Scantron  <a href="https://uat.admin.achievementsseries.com/partners/SchoolNet/SignOn.aspxGETTestsCreate and deploy tests.test-draftsItem BanksCreate items and populate item banks.item-banksSite AdminView site IDs and manage user permissions.admin">https://uat.admin.achievementsseries.com/partners/SchoolNet/SignOn.aspxGETTestsCreate and deploy tests.test-draftsItem BanksCreate items and populate item banks.item-banksSite AdminView site IDs and manage user permissions.admin</a>
PrometheanClickerEnabled	true
QTI	104857600true
SavedFilePath	/Files/Assess_Images/

Screenshot 1 - Configure the Advance Analytics Option

## Schedule a Test: Test Settings

### KAP BOY English Language and Literature[34185] [View Details](#)

Test Stage Private Draft Public Draft Ready To Schedule Scheduled In Progress Completed

SUBJECT: English Language and Literature  
GRADE LEVEL: Gr 6-Gr 12

ADMINISTRATION DATES: Not Scheduled  
COLLECTION STATUS: Not Started

#### Test Settings

Start Date\*

End Date\*

Score Due Date\*

Prevent the students from accessing the test results until after the end date

Export Test/Item Level Results for Advanced Item Statistics

Allow test content access from approved internet addresses only

#### Online Test Options

**Note: It is highly recommended to [Preview Online Test](#) before administration to students.**

Administer this test with  Schoolnet Browser Test Tunnel - Standard browser settings  
 Schoolnet Secure Tester - Schoolnet's built-in Secure Tester delivery system

Online Passcode is required for a student to access this test:

Show student scores upon test submission

Display this test on the Take a Test list on the student home page

### Screenshot 2 - Export Test Results for Advanced Analytics Option

## **CREATE EXPRESS TEST: FILTER ITEMS BY ITEM STATISTICS**

We have enhanced the Advanced Options that are available to users creating an Express Test to enable users to filter the available test items by the complete array of searchable item statistics attributes.

### **Rationale and context:**

Users who create an Express Test want to have confidence in the caliber of the items included on the test to best ensure precise and fair results. Using item statistics as the parameter for identifying items enables the user to control the quality of the test by selecting items that meet specified item statistic attributes.

### **Target users and usage patterns:**

- To include items with specific statistical qualities, administrators and teachers will define ranges for item statistic attributes by which the system will filter the available items

### **Key features and capabilities:**

- Advanced Options enable users to specify item statistic ranges by which to filter available items
- The defined default item statistics behavior controls search filters

### **Where in the product it can be found:**

- Users creating an Express Test will find item statistic filters in Advanced Options
- The generated test contains test items that align to defined item statistic filters

The screenshot displays the 'Create: Express Test' interface. At the top, there is a title 'Create: Express Test' and a 'Back to Previous Page' link. Below the title, the test name 'Another Great Express Test v3' is shown, along with the subject 'Life and Physical Sciences' and grade level 'Kindergarten-Gr 8'. There are three main sections: 'Select Standards', 'Define Test Map', and 'Advanced Options'. The 'Advanced Options' section is expanded and contains several filters: 'Item Type' (Multiple Choice), 'Bloom's Taxonomy', 'P-Value (Item Difficulty)' (.20 to .55), 'Item Mean', 'Discrimination Level', 'Rasch Item Difficulty Level', 'Passage Type', and 'Language' (English). An 'Apply' button is located below these filters. To the right of the filters is a grey box with three checkboxes: 'Exclude items on current year tests', 'Exclude items with Passages', and 'Search Item Central for items matching the selected standards in your Test Map'. At the bottom, there is a table with columns for 'Standard', 'Available Items', and 'Items'.

Standard	Available Items	Items
SCI.10.1: Earth and Space Sciences	6	<input type="checkbox"/>
SCI.10.2: Life Sciences	12	<input type="checkbox"/>

**Screenshot 1 - Filter by Item Statistics for Items for an Express Test**

# Test Detail



Another Great Express Test v3 [34276]

Make Public

Test Stage **Private Draft** Public Draft Ready To Schedule Scheduled In Progress Completed

### Test Actions

Copy Test  
Delete this Test

Download Test (pdf)  
Download Test (Word)  
Download Answer Key  
Cover sheet

Preview Online Test

Schedule Information

Associated Resources

Test Properties

Customize Test

### Instructions

Add Instructions

### Test Content

Add Item

- Item 1 Multiple Choice from Item Central  
Why might Antarctica be considered a desert?  
A Antarctica is very cold.  
✓ B Antarctica does not receive much rainfall.  
C Antarctica is located in a warm climate.  
D Antarctic is near the ocean.

Actions

Correct Answer

B

Point Value

1

Standard ID

SCI.10.1.B.1

Formula Reference Sheet

None

▲ Not aligned to Preferred Standards

more

- Item 2 Multiple Choice from Item Central  
Which two letters represent processes in the water cycle that usually causes a lowering of the water table?  
✓ A A and B  
B A and C  
C B and D  
D C and D

### Item Statistics

N-Count: 1387

P-Value (Item Difficulty): 0.25

Item Total Score Correlation: -0.58

Standard ID

SCI.10.2.D.9

Screenshot 2 - Express Test: Items with Specified Item Statistics

## **SEARCH ITEM CENTRAL BY DEFAULT ITEM STATISTICS BEHAVIOR**

We have enhanced the Advanced Search filters that are available when locating items in Item Central to include the complete array of searchable item statistics attributes, and we have applied the define default item statistics behavior to control search results and the data displayed in Item Details.

### **Rationale and context:**

Users want to filter item searches by item statistics attributes to locate the most effective items and/or to locate items that performed poorly and need to be revised. With a defined default item statistics behavior, the results of searches filtered by item statistics are controlled by a common set of parameters, which ensures that the user will have access to items with valid and reliable item statistics.

### **Target users and usage patterns:**

- Administrators and teachers will enter a data range for all or selected item statistics and results will contain only items that align to the search filters
- Administrators and teachers will access the Item Details for an item in the search results to view the full array of item statistics and analyze how it performed on a specified test

### **Key features and capabilities:**

- Advanced Search options allow the user to specify ranges to filter searches by item statistic
- The defined default item statistics behavior controls search results and the data on Item Details

### **Where in the product it can be found:**

- Users will enter ranges for item statistics filters in Item Central/Advanced Search
- Users will have access to item statistics for Items in Item Central search results and item details

# Item Central



## Advanced Search Options

[Create New Item](#)

[Create New Passage](#)

[Create New Rubric](#)

### Text Search

### Standard Search

### Advanced Item Search

Show only items linked to passages

Show only items linked to rubrics

Include Deleted Items/Passages

Show only items eligible for export

Subject

All subjects

Grade Level

to

Keyword

Name

Question Language

None Selected

Publisher

Author

Created By

Any Institution

Authored Difficulty

None Selected

Reading Level

to

Webb

None Selected

Cognitive Demand Level

None Selected

Course Specific Items

None Selected

Curriculum

None Selected

Item Type

None Selected

Bloom's Taxonomy

None Selected

Answer Choice

### Item Statistics

No. of Exposures

1 to 5

P-Value (Item Difficulty)

.25 to .45

Item Mean

to

Discrimination Level

to

Rasch Item Difficulty Level

to

**Screenshot 1 - Enter a Data Range for All or Selected Item Statistics**

# Item Detail



## Inline Response

Version 1

This morning, I went to the 1 - (A) supermarket (B) moon (C) happy (D) new and bought some milk and eggs. I knew it was going to rain, but I forgot my 2 - (A) pencil (B) umbrella and ended up getting 3 - (A) job (B) one (C) wet on the way.

## Item Test History

### Tests Using This Item

Version	Date Modified*	Test Name	Admin Dates
1	05/27/2013	Sample Test E - Do not delete!	05/27/2013 - 06/30/2013
1	03/08/2013	Sample Test D - Do not delete!	03/11/2013 - 06/30/2013
1	03/07/2013	AE - 48919 - Test with Inline Response Item (14.4)	03/08/2013 - 03/27/2013

\* Date the item was last modified on the test

## Response Distribution Fields

Answer Choices	Frequency of Response
1	
A	67.33% (443/658) « Correct response
B	18.11% (108/658) « Most common incorrect response
C	9.42% (62/658)
D	6.53% (43/658)
No Response	0.61% (4/658)
2	
A	19.00% (125/658) « Most common incorrect response
B	80.40% (529/658) « Correct response
No Response	0.61% (4/658)
3	
A	10.18% (67/658)
B	18.09% (119/658) « Most common incorrect response
C	71.12% (488/658) « Correct response
No Response	0.61% (4/658)

## Score Point Distribution

Point/Level	District - Frequency of Response
0	47.87% (315/658)
1	67.33% (443/658)
2	80.40% (529/658)
3	71.12% (488/658)

- Edit
- Copy
- Preview
- Add to Test
- Change Status
- Return this Item
- Delete

View Status: Everyone in 521 Schools  
Edit Status: Editable by District Item Admins only  
Source: National School District  
Creator Name: Testing, QA  
Date Created: 03/07/2013  
Subject: English Language and Literature  
Grade Level: Gr 2-Gr 3  
Standard: LA.2.W.1  
Exposures: 3

### Properties

#### Item Statistics

N-Count: 658  
Item Mean: 4.41  
Discrimination Level: 0.75

Screenshot 2 - Full Array of Item Statistics Available on Item Details

## DISPLAY ADDITIONAL ITEM STATISTICS IN REPORTS

We enhanced the array of item statistics that display in pre-formatted reports, including the Test Item Analysis Report and the Item Detail with Distribution of Student Responses Report.

### Rationale and context:

In addition to test and item scores, users want to have access to data that enables them to analyze how test items performed on a specific test. Combining these two data elements, student scores and item statistics, allows users to evaluate student achievement and to analyze the effectiveness of the test items.

### Target users and usage patterns:

- Administrators and teachers will be able to determine the difficulty of each test item and the extent to which student success on an item corresponds to their success on the test

### Key features and capabilities:

- Additional data elements, including point value, discrimination, and item mean
- Distribution of the score points for Open Response items and items with a point value of more than one

### Where in the product it can be found:

- Users will view item statistics data in the Pre-formatted Benchmark Test Item Analysis Reports
- Score Point Distribution data is available to users in the Item Detail with Distribution of Student Responses Report

**Pre-Formatted Reports: Benchmark Test Item Analysis - New Format**

Save Report Create PDF File Export to Excel

Data Selections (edit)

Number of questions: 5  
Number of test-taking students: 33

**Student Responses**

Question - Type	Correct		Incorrect		Most Common Mistake		Point Value	Points Achieved / Possible	P-Value/ Item Mean	Discrimination
	Rate	Value	Total Rate	Rate	Value					
1 - Multiple Choice	52%	C	48%	18%	D	1.00	17 / 33	0.52	0.28	
2 - Gridded	64%	425	36%	9%	435	1.00	21 / 33	0.64	0.79	
3 - Inline Response	Hide					4.00	101 / 132	3.06	1.08	
3.1	76%	B	24%	12%	A					
3.2	73%	A	27%	15%	C					
3.3	85%	C	15%	9%	B					
3.4	73%	B	27%	12%	C					
4 - Matching	Hide					3.00	83 / 99	2.52	0.42	
4.1	79%	D	21%	6%	A					

**Screenshot 1 - Item Statistics in Test Item Analysis Reports: Point Value P-value, Item Mean and Discrimination**

### Response Distribution Fields

33 test-taking students included in this report :

Answer Choice	District
1	
No Response	3.03% (1/33)
A Most common error	6.06% (2/33)
B	6.06% (2/33)
C	6.06% (2/33)
D Correct	78.79% (26/33)
2	
A Most common error	12.12% (4/33)
No Response	3.03% (1/33)
B Correct	84.85% (28/33)
3	
B	3.03% (1/33)
No Response	3.03% (1/33)
C Correct	87.88% (29/33)
D Most common error	6.06% (2/33)

### Score Point Distribution

Point/Level	District
0	6.06% (2/33)
1	3.03% (1/33)
2	24.24% (8/33)
3	66.67% (22/33)

**Screenshot 2 – Item Statistics in Reports: Response and Score Point Distribution**

## **ITEM CO-AUTHORING**

### **Rationale and context:**

Many item creators author items as a group. This feature allows the user to invite any other user who has the ability to create an item to co-author the item together. There is no limit to the number of co-authors who can be added to an item.

### **Target users and usage patterns:**

Any user can add co-authors to an item they create. Co-authors can be given View or Edit access to the item. Co-authors will be notified via the notification framework, or co-authored items can be found under Assessment Admin > Co-Author. Once the co-authored item is shared, it is removed from co-authoring and available in Item Central.

### **Key features and capabilities:**

- Ability to co-authors items with other users
- Co-authors can have view or edit access
- Only one user can edit an item at a time
- New Co-Authoring global navigation under Assessment Admin to location co-authored items
- Share co-authored item with others to move item from co-authoring to item central for use on an assessment

### **Where in the product it can be found:**

Assessment Admin > Create Item > Save > Co-Author

Assessment Admin > Co-Authoring

**Save for myself**

My Items

Item can only be edited by you

**Item Co-Authoring**

Enable Co-Authoring this item with other users

Search by Last Name, First Name

NATACHA Heredia  
Aaron Burr Middle Long Long Long Name

QA Testing - Item Creator  
National School District

Items can be edited by co-authors only

**Share with others**

District Item Admins Only

District and Regional Item Admins

District, Regional, and School Item Admins

Everyone (District, Regional, and School Item Admins, Teachers)

Item can only be edited by District Item Admins

**Screenshot 1:** Co-authoring item after item creation.

## Co-Authoring

### Items

Name/Preview	Type	Grade	Subject	Standards	Users
<a href="#">Oct1 Passage w/o co-authorsOct...</a>	Passage	Kindergarten	Agriculture and Renewable Natural Resources		1
<a href="#">Co- Author with Natacha</a>	True/False	Gr 2	English Language and Literature	1	1
<a href="#">60 rubric2</a>	Rubric	Infant/toddler (0-2)	Agriculture and Renewable Natural Resources	2	1
<a href="#">kite pass1</a>	Passage	Infant/toddler (0-2)	Computer and Information Sciences		1
<a href="#">Kite Item1</a>	True/False	Infant/toddler (0-2)	Agriculture and Renewable Natural Resources	1	1

**Screenshot 2:** List of co-authored items from global navigation link.

## **STUDENT SELF-ASSESSMENT**

A Student Self-Assessment test property has been added to allow a student to score their own open response questions, including those with rubrics.

### **Rationale and context:**

Teaching students to assess their own progress, and providing the methods to do so, positively impacts student performance through enhanced self-efficacy and increased intrinsic motivation.

Students can now self-assess their own work and leave comments explaining their rationale.

Students, teachers, and parents can easily compare the student scored and teacher scored results, which appear side by side throughout Schoolnet, as a precursor to discussing interesting divergences offline.

### **Target users and usage patterns:**

- Test creators can choose to enable student self-assessment when creating a test.
- Students can self-assess their own open response questions, view associated rubrics, and leave comments.
- Test scorers can see the student self-assessments while scoring an assessment and read the student comments.
- Students, teachers, and parents can view the student self-assessment results alongside the actual assessment results.

### **Key features and capabilities:**

- An optional Student Self-Assessment test property
- A self-assessment form accessible via the Student Portal
- Display of self-assessment scores on the teacher scoring page and on most test results pages
- Streamlined rubric scoring for teachers and students

### **Where in the product it can be found:**

- Test creators can enable (or disable) the option during test creation or by editing the test properties afterward.
- Students can access the scoring page through the “Latest Scored and Completed Tests” web part on the Student Portal, and can compare their self-assessment with actual results in the “Classroom Tests” or “Benchmark Tests” sections in the Student Portal.
- Teachers can view and edit self-assessments through the teacher scoring page.
- Parents, teachers, and administrators can view the self-assessed and actual test results in the Student Profile.

Outreach  
Collaboration
School & District Data  
Reports & Indicators
Classrooms  
Rosters, Reports, Planners
Assessment Admin  
Create & Monitor

## Create: Manual Test

Test Name\*

Subject\*

Grade Level\*  to

Institution Source

Test Category

Unanswered Questions

Score Type  ⓘ

Preferred Standards Document

Answer Key Only  Yes  No

### Test Item Settings

Settings can be customized at the individual item level.

Enable Text Formatting (Not compatible with screen readers)
  Use Item Settings
  Enable Text formatting for all open response items
  Disable Text formatting for all open response items

Enable Student Comments  Yes  No

Enable rich text editing for student comment area

Capture Teacher Comments on Answer Sheets  Yes  No

Enable Student Self-Assessment  Yes  No

Hide Item Content from Test Results  Yes  No ⓘ

Enable Tools & Manipulatives  Yes  No

**Screenshot 1 - Enabling Self-Assessment.**

### ▼3 - Open Response

My Self-Assessment: 21 / 24

#### Question

Here is a rubric open ended question.

#### Answer

This is my very nice answer.

#### Score

##### Identifies Important Information

LA.4.R.5: Reading / Reading Applications: Literary Text

My Self-Assessment: 3 / 4  
(This level multiplied by 1)

0	1 Needs Impro...	2 Below Stand...	3 Meets Stand...	4 Above Stand...
The student cannot important information with accuracy.	The student lists all but one of the main points, using the article for reference. S/he does not highlight any unimportant points.	The student lists all the main points, but uses the article for reference.	Student lists all the main points of the article without having the article in front of him/her.	

##### Identifies Details

LA.9.R.2: Reading / Acquisition of Vocabulary

My Self-Assessment: 4 / 4  
(This level multiplied by 1)

0	1 Needs Impro...	2 Below Stand...	3 Meets Stand...	4 Above Stand...
Student cannot locate details with accuracy.	Student is able to locate most of the details when	Student recalls several details for each main point,	Student recalls several details for each main point	

Screenshot 2 - Student Self-Assessment Page

## **SUPPORT ITEM AUTHORIZING IN FRENCH AND GERMAN**

### **Rationale and context:**

Item creators need to create content in languages other than English to support assessment delivery to students speaking other languages, or for testing students learning another language.

### **Target users and usage patterns:**

Languages need to be enabled on the System tab. Once enabled, assessment creators can create assessment items in French or German. They can search for these items in Item Central using the language field.

Assessment creators can also create an express test by filtering items by language.

### **Key features and capabilities:**

- Ability to author item content in French or German
- Search item central for items authored in French or German
- Build an Express Test using French or German authored items
- Deliver an online assessment in French or German (item content only)
- Print a Test Booklet in French or German (item content only)

### **Where in the product it can be found:**

Assessment Admin > Create Item

## **Item Central: Create New Item**



### **Item Properties**

Subject	- Choose a subject -
Grade Level	to
Question Language	English
Response Language	English Spanish German French
Standard	No standard selected <a href="#">[edit]</a> Standard Lookup

#### **Steps to Complete**

- 1 Select a subject
- 1 Select a grade level
- 1 Select correct answer
- 1 Enter content
- 1 Align to a standard
- ⚠ Not worth any points

**Screenshot 1:** Create New Item featuring French and German.

# Item Central

Enter search text  [Advanced Search](#)

**Items** [Passages](#) [Rubrics](#)

[Subject](#) [Grade](#) [Standards](#) [Created By](#) [Language](#) [Course Specific Items](#) [Curriculum](#)

**Question Language:**

- English (39719 items)
- Spanish (9 items)
- German (22 items)
- French (13 items)

**Screenshot 2:** Item Central Search by Language Featuring French and German

## **THESAURUS, GRAMMAR CHECKER, AND GRADE LEVEL VOCABULARY TOOLS**

### **Rationale and context:**

Tools have been added to assist users while creating item content. The author will have the ability to use a thesaurus tool to look up similar words; a grammar checker to verify the grammar used; or a grade-level vocabulary reference document to validate that terminology is age appropriate.

### **Target users and usage patterns:**

Grade-Level vocabulary reference documents can be loaded by grade level or grade range into the System tab. Once loaded, these documents will be available when creating items for that grade level. Thesaurus and grammar checker are always available.

### **Key features and capabilities:**

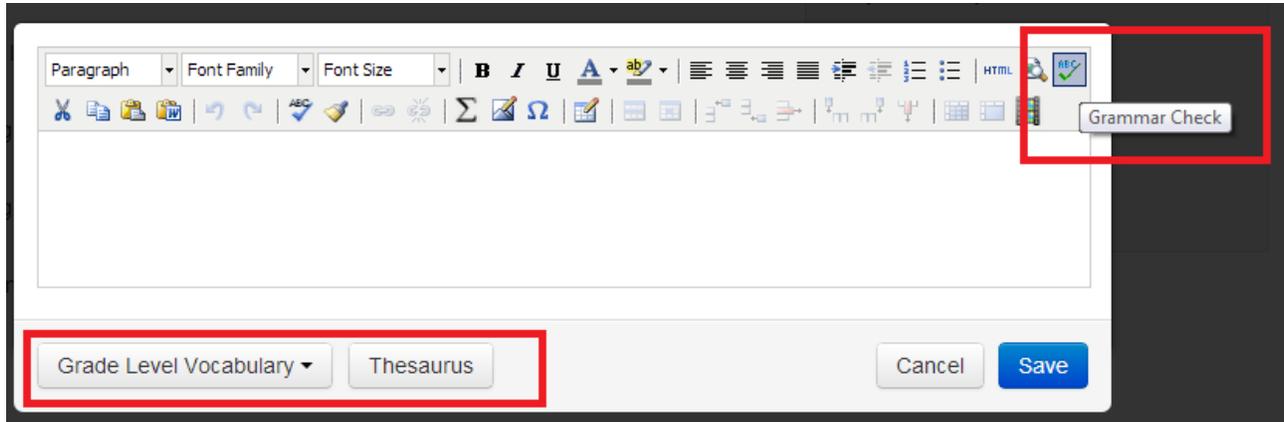
The following tools are available to item authors when entering item content:

- Thesaurus
- Grammar Checker
- Grade-Level Vocabulary

**Note:** Grade-Level Vocabulary is available as a reference document loaded via the System tab

### **Where in the product it can be found:**

Assessment Admin > Create a test > Enter Content



**Screenshot 1:** HTML Editor with Thesaurus, Grammar Checker, and Grade-Level Vocabulary enabled.

## EDITOR IN THE TEST TUNNEL

Students now have the use of an editor while authoring a test and will be able to format their responses, write equations and chemical formulas, and manage font sizes.

### Rationale and context:

Entering chemical equations or rendering mathematical formulae or simply managing font sizes was a challenge – however, with the introduction of the editor for student responses, test taking is now easier.

### Target users and usage patterns:

- Item and assessment authors will be able to allow/disallow the usage of an editor during student authoring.
- Student users will benefit from its usage while authoring responses or entering comments.

### Key features and capabilities:

Versatile student authoring now possible with new added features:

- Use Bold, Underline, and Italics to format responses. Use different font sizes, and format header and body to present data.
- Use superscript/subscripts to enter mathematical formulae or render chemical equations.

### Where in the product it can be found:

- Configuration options available at both the item and test level. Set as Item properties during item creation/edit. Set smart overrides in the Test properties that apply to all open response items with a 'Written' response. Editor for student comments can be enabled as well.
- Executed in Test Tunnel and Secure Tester as configured by the user.

**Question 4**

Displaying sample formatting options

**Answer**

**A quick brown fox jumped over the lazy dog.**  
*A quick brown fox jumped over the lazy dog.*  
A quick brown fox jumped over the lazy dog.

$$\text{HNO}_3 + 2\text{H}_2\text{SO}_4 = \text{NO}_2 + \text{H}_2\text{O} + 2\text{H}_2\text{SO}_4$$
$$(x + h)^2 = x^2 + 2xh + h^2$$

Start  Finish Answered: 0/5 Flagged: 0/5 Pause View Test Summary < Previous Next >

**Screenshot 1** - Integrated editor with the text area

## **NEW FEATURE SUPPORTS STUDENT AUTHORIZING IN SPANISH, FRENCH, AND GERMAN**

This enhancement displays special language characters in support of Spanish, French, and German when the student is required to author a response in these languages – with no requisite for a physical language keyboard.

### **Rationale and context**

Students can now author in Spanish, French, and German. Even in the absence of a physical language keyboard, students will be able to seamlessly toggle between a standard keyboard and the special characters to complete their authoring effortlessly.

### **Target users and usage patterns:**

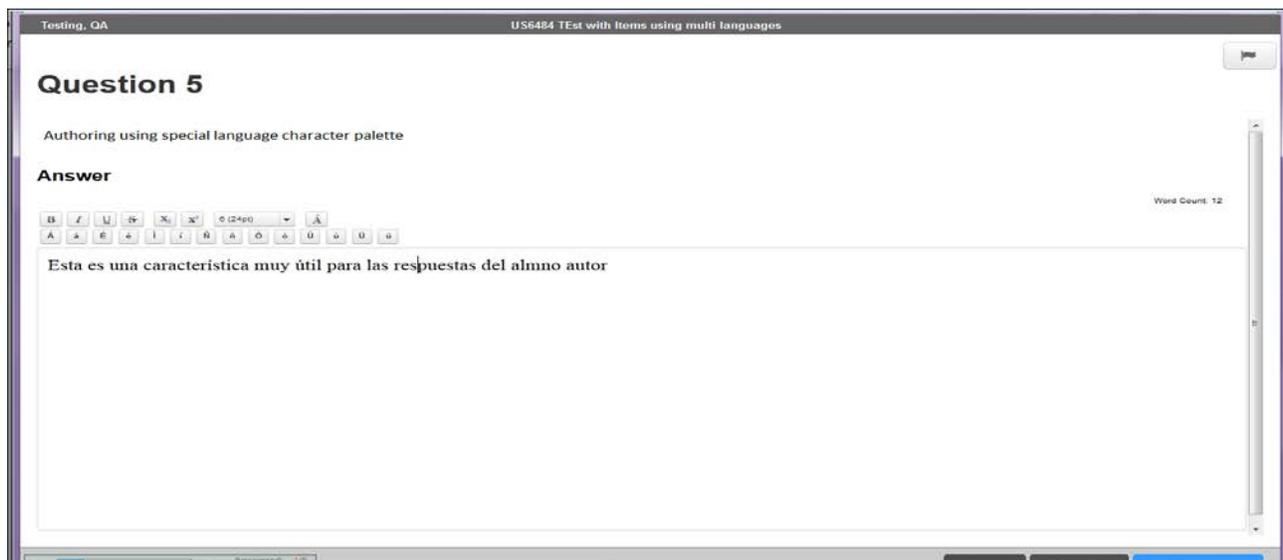
- Assessment authors will be able to administer assessments that require student responses in foreign languages.
- Student users will be able to author multilingual responses in the Test Tunnel/Secure tester.

### **Key features and capabilities:**

- Feature can be evoked only when necessary.
- A new 'response language' field flags the response language and displays only relevant characters for the language selected in the item.
- Assessments can accommodate items with questions and answers in different languages (e.g. English and Spanish for an ELL student) to gauge improved language capabilities.

### **Where in the product it can be found:**

- Configuration options available at both the item and test level. Smart overrides in Test properties that will apply to all open response items with a 'written' response to enable or disable special characters.
- Test Tunnel and Secure Tester as configured by the user.



**Screenshot 2 - Editor with special character palette**

## **EXPORT ASSESSMENT ITEMS**

### **Rationale and context:**

The ability to export assessment items allows districts to control their data more effectively.

Districts have direct access to their authored assessment items and more flexibility in how they want to use them.

The assessment item export is following the IMS Question & Test Interoperability (QTI) 2.1 standards.

### **Target users and usage patterns:**

District users with permission to export can determine which test items created by their staff they wish to export. They can export a single item or a selection of items. The export can be shared with another application or potentially another Schoolnet client.

#### **Export Items permission**

New permission controls the ability to export assessment items. By default, the System Operator role will have this permission.

### **Key features and capabilities:**

Users are able to select a single item to export or select multiple items to export.

#### Supported Item Types:

- Multiple Choice
- True/False
- Matching
- Gridded
- Open Response
- Inline Response

#### Supported Item Content:

- Passage
- Formula Sheet
- Image
- Audio/Video
- Rubrics (for Open Response item types)

**Note:** Only items that are complete can be exported. Hot Spots and Tasks are not supported via the export feature at this time.

**Note:** Districts will not be able to export items that have been authored by third-party content providers.

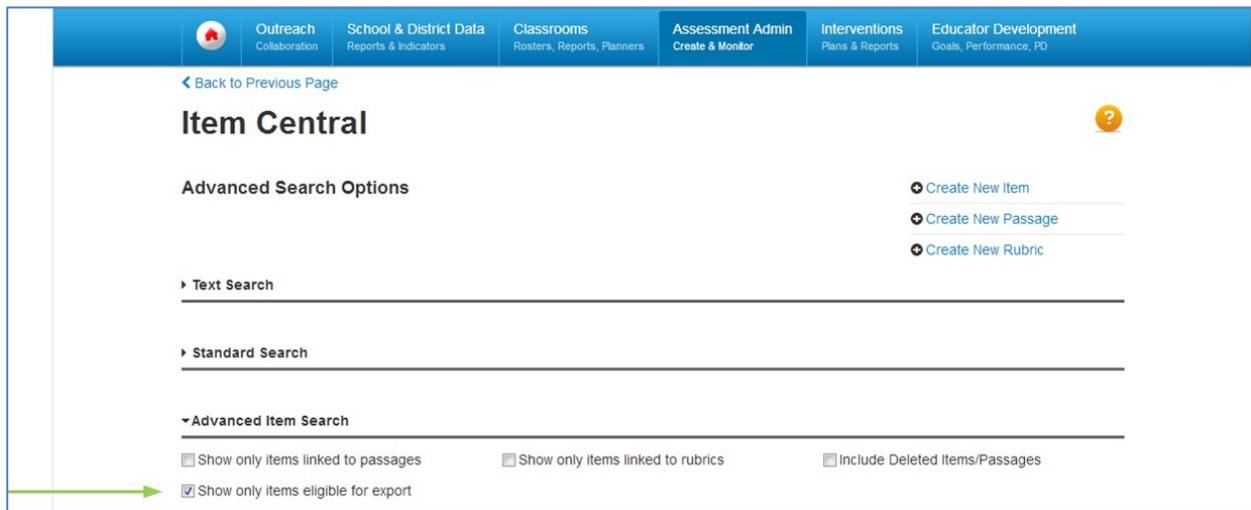
### **Where in the product can it be found:**

Item Central

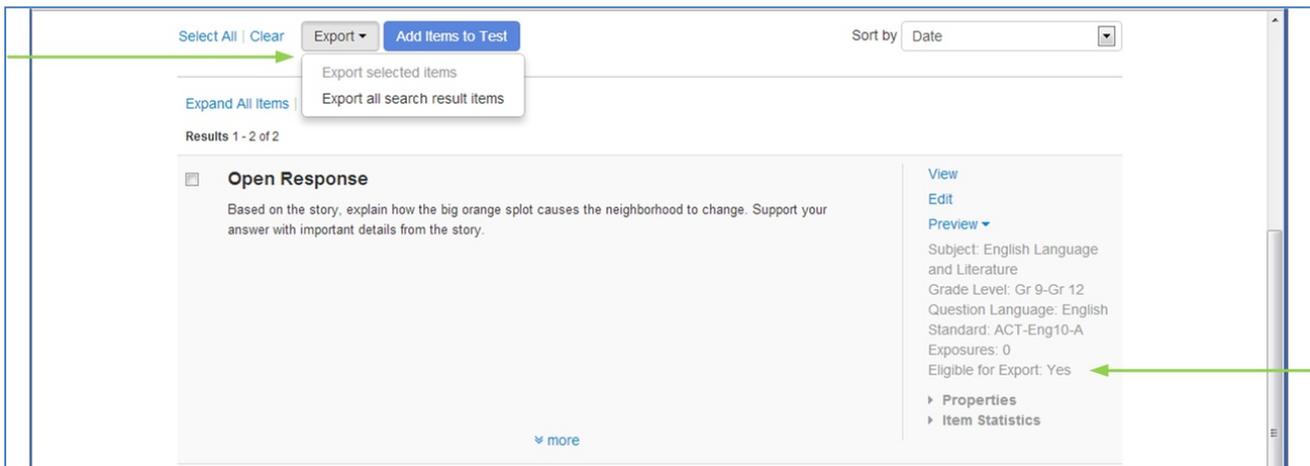
- The Advanced Search Options page has been enhanced to allow you to search for only those items that are eligible for export [**Show only items eligible for export**].
- The **Item Search Results** page has been enhanced to enable you to select specific items to export or to export all search result items [**Export selected items | Export all search result items**].
- The **Item Search Results** page has been enhanced to enable you to **Select All Items** or to **Clear** your selection.
- Item Search metadata have been enhanced to display the eligibility status [**Eligible for Export: Yes | No**].
- Items selected for export are added to a QTI package zip file [**items.zip**].

#### **Import Item Package**

**Note:** The ability to import an assessment item package is existing functionality and is not documented here. For more information about how to import an item .zip file, refer to User Documentation.



**Screenshot 1 - Advanced Search**



**Screenshot 2 – Export Items**

## **RESTRICT ACCESS TO TESTS FROM UNAUTHORIZED LOCATIONS**

This enhancement allows test schedulers to restrict access to test content and to performing related functions when the user is logged in from an unauthorized location. This protects the integrity of the test and its contents.

### **Rationale and context:**

To ensure that Assessments are secure and contained until they are administered, this feature allows the enabling of authorized access (e.g. within school or campus only). This serves to preserve the integrity of the test content, prevents tampering with scoring, and also prevents question/ answer booklets from being printed or downloaded.

### **Target users and usage patterns:**

- Test Schedulers will be able to restrict access to a test from unauthorized locations.
- Restricted users will be able to log in to the system and perform other tasks and/or access tests which do not have this constraint enabled.

### **Key features and capabilities:**

- Users will be able to use system set up to document a valid list of IP addresses. At least one record row must be enabled for validation.
- During creation of the Test, selecting the checkbox 'Allow test content access from approved internet addresses only' will allow this restriction to be executed.
- Users who access tests with this feature will only have access when they are in valid locations.

### **Where in the product it can be found:**

- System > Online testing tab
- Create a Test > Test Settings
- 'Access denied' message is displayed when any test with this attribute is accessed.

The screenshot displays the 'Test Settings' page for a test. At the top, there is a 'Test Stage' section with tabs for 'Private Draft', 'Public Draft', 'Ready To Schedule', 'Scheduled', 'In Progress', and 'Completed'. Below this, the test details are shown: 'SUBJECT: English Language and Literature', 'GRADE LEVEL: Gr 9-Gr 12', 'ADMINISTRATION DATES: 10/7/2013 - 10/14/2013', and 'COLLECTION STATUS: Not Started'. The 'Test Settings' section includes three date pickers: 'Start Date\*' (10/7/2013), 'End Date\*' (10/14/2013), and 'Score Due Date\*' (10/29/2013). There are three checkboxes: 'Prevent the students from accessing the test results until after the end date' (unchecked), 'Export Test/Item Level Results for Advanced Item Statistics' (unchecked), and 'Allow test content access from approved internet addresses only' (checked).

**Screenshot 1 - Enable test setting for authorized access**

[← Back to Previous Page](#)

## Test Detail



**US 6149 Velocity Start Date 24 SEP 2013 [34042]**

Online Passcode: 34042

Test Stage Private Draft Public Draft Ready To Schedule Scheduled In Progress Completed

▼ Test Actions

[View Usernames](#)

▶ Data Collection Status

▶ Schedule Information

▶ Associated Resources

▶ Test Properties

You do not have permission to view the contents of this test.

The contents of this test can only be accessed from approved internet addresses.

**Screenshot 2** - Test content blocked for unauthorized access

## **EXCLUDE UNANSWERED QUESTIONS FROM SCORE**

For 'My Classroom' assessments, assessments can be graded based on the questions that a student answered only. The questions that the student does not answer are excluded from their assessment scores. The *Unanswered Questions* test property enables this option.

### **Rationale and context:**

Educators sometimes want to utilize a scoring method that emphasizes depth of knowledge over breadth, or wish to grade strictly on the quality of student work rather than quantity. Scoring only on the questions a student actually answers is ideal for pop quizzes and timed reading comprehension tests where reading speed and comprehension need to be scored independently.

### **Target users and usage patterns:**

- Test creators can choose to include or exclude unanswered questions for 'My Classroom' assessment scores.
- After submitting a test, students will receive a message to inform them that only the questions they answered count, along with an accurate score.
- On the pages that display assessment scores, teachers, parents, and students will see messaging that only answered questions count along with accurate scores

### **Key features and capabilities:**

- An optional *Unanswered Questions* test property
- Display of messaging and scores that exclude unanswered questions on most test results pages
- **Note:** This property is not supported in the Schoolnet/PowerTeacher Gradebook integration

### **Where in the product it can be found:**

- Test creators can enable the option at test creation time or by editing the test properties afterward
- Parents, teachers, and administrators can view scores in the Student Profile
- Students can view their scores upon test completion in the online or secure testers as well as the Student Portal
- Students will see scores calculated appropriately on the student self-assessment scoring page
- Test scorers can view scores in the Proctor Dashboard and Teacher Scoring page
- Teachers and administrators can view scores on the Classroom Student Performance Dashboards and PowerSchool

Outreach Collaboration | School & District Data Reports & Indicators | Classrooms Rosters, Reports, Planners | Assessment Create & Manage

## Create: Manual Test

Test Name\*

Subject\*

Grade Level\*  to

Test Category

**Unanswered Questions**

Score Type  ⓘ

Test Focus\*  ELA  Reading  Writing  
 For reporting purposes only

**Screenshot 1:** Exclude unanswered questions from score.

	Total Score	Item 1 »	Item 2 »	Item 3 »	Total Score	
▶ Section-Wide Percent Correct	66.7%	57.1%	75.0%	75.0%	66.7%	▶ Section-Wide Percent Correct
Primary Standard ID	-	LA.4.R.2	LA.4.R.2.A.1	LA.4.R.2.F.9	-	Primary Standard ID
Point Value	3	1	1	1	3	Point Value
Correct Answer	-	B	A	B	-	Correct Answer

Student Name ^	Total Score ⇅	Sort ⇅	Sort ⇅	Sort ⇅	Total Score ⇅	Student Name ^
<input type="checkbox"/> Aileru, Aarana	50.0%	✓	D	-	50.0%	<input type="checkbox"/> Aileru, Aarana
<input type="checkbox"/> Andreani, Tavionna	66.7%	C	✓	✓	66.7%	<input type="checkbox"/> Andreani, Tavionna
<input type="checkbox"/> Bailous, Ka'Price	100.0%	✓	-	-	100.0%	<input type="checkbox"/> Bailous, Ka'Price
<input type="checkbox"/> Best, ANDREW F	-	-	-	-	-	<input type="checkbox"/> Best, ANDREW F
<input type="checkbox"/> Bregu, Asila	50.0%	C	✓	-	50.0%	<input type="checkbox"/> Bregu, Asila
<input type="checkbox"/> Carvour, Dallace	-	-	-	-	-	<input type="checkbox"/> Carvour, Dallace
<input type="checkbox"/> COMEANS, Kiarra	50.0%	✓	-	D	50.0%	<input type="checkbox"/> COMEANS, Kiarra
<input type="checkbox"/> COX II, Sigmund	50.0%	D	-	✓	50.0%	<input type="checkbox"/> COX II, Sigmund
<input type="checkbox"/> Faqi, Fatimah	100.0%	✓	✓	✓	100.0%	<input type="checkbox"/> Faqi, Fatimah

**Screenshot 2:** Item analysis for a test where unanswered questions were excluded.

## **COPY AND PASTE RESTRICTION IN TEST TUNNEL**

We have added a restriction on copy and paste within the test tunnel.

### **Rationale and context:**

By restricting copy and paste within the test tunnel, we disallow students to copy passages or questions. We also restrict pasting of a pre-written answer into the open-response answer box.

### **Target users and usage patterns:**

- Students will not be able to copy any passages or text.
- Students will not be able to paste any text into open response questions.

### **Key features and capabilities:**

- Restricts students' ability to cheat.

### **Where in the product it can be found:**

This feature is implemented in the online Test Tunnel.

## **EXPANDED SCREEN READER SUPPORT IN THE ONLINE TEST TUNNEL**

We have expanded our support for screen readers in the online test tunnel to include more features and questions types.

### **Rationale and context:**

All students need to be assessed fairly. This includes students that require screen readers as an accommodation.

### **Target users and usage patterns:**

- Students that require screen readers to take assessments
- Students with visual impairments
- Students with reading impairments

### **Key features and capabilities:**

Students can use screen readers to take assessments that include:

- Passages (now rendered as text)
- Graphics with alt-text
- Matching type questions
- Foreign Languages - French, German, and Spanish
- Timed items
- Test and task instructions

### **Where in the product it can be found:**

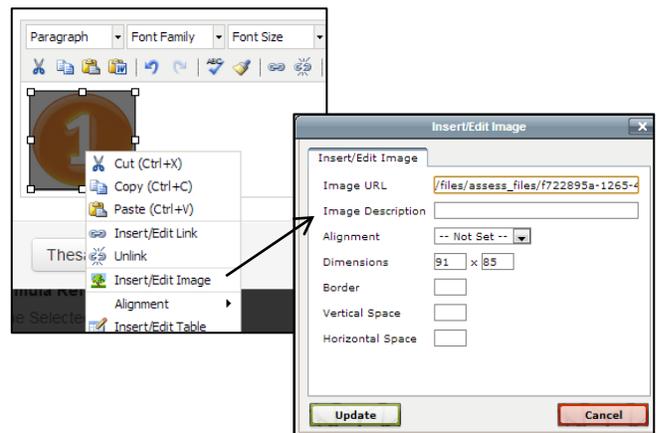
Students can use screen readers in the online test tunnel. Full support is provided after the test code has been entered and the test is launched.

Support for screen readers has been tested on JAWS with Firefox for the PC and on Safari with Voice Over for the Mac.

### **Screenshot 1**



### **Screenshot 2**



### **Description**

The starting page of the online test tunnel. This is where the support for screen readers starts. Students should start the screen reader when this page is launched.

### **Description**

Though this capability has always been there, we now use the description when rendering a graphic in the test tunnel. The screen readers will read any "Image Description" entered as the alternate text for the image.

## **SCREEN READER LIMITATIONS**

Working with third-party software sometimes leads to limitations with support. The following areas have been identified with respect to support for screen readers:

- When moving backwards through a gridded response question using JAWS with Firefox, JAWS will tell the user that they are in a different column than what they are actually in. The gridded response works when moving forward through the question. This issue has been raised with JAWS.
- Voice Over has limited support for Languages. It can either read in one language or another, while JAWS will switch between languages on a page. The core parts of the page (for example: question header, answer header, and navigation areas) will not be translated. Voice Over will attempt to read this in the chosen language.
- No support for Internet Explorer (IE) or Chrome yet.
- When using the highlighter in passages, the screen reader will not indicate any highlighting.
- When using manipulatives and formula sheets, the screen reader can display them. The calculators are un-navigable. The reading of the formula sheets depends on the properties of the uploaded files. Images (\*.gif, \*.jpg, etc.) will not be read. Some PDFs may be read.
- The rich text editor for open response questions is not supported for screen readers. If *any* question on the test has the rich text editor enabled, *none* of the test will be available for the screen readers.
- The screen reader will not indicate when an item is untimed. It will indicate when half of the time has elapsed, and also when there are five minutes, and then one minute remaining. The student can navigate to the timer to get an update or use the ctrl-q hotkey to hear an update at any time.
- When answering an in-line response question, the screen reader will read the options in the combo box in English, regardless of the question language. Once an option is selected, it will be read in the desired language. This issue has been raised with JAWS.

## **SCREEN MAGNIFICATION**

We have tested the use of screen magnifiers within the test tunnel.

### **Rationale and context:**

Students with all types of disabilities need to be accommodated within the test tunnel. This includes students with visual impairments that need an enlarged view of the screen.

### **Target users and usage patterns:**

- Students that require an enlarged view of the screen, along with voice.

### **Key features and capabilities:**

- Allows students to view an enlarged view of the screen.
- Allows students to use voice features within some magnifiers.

### **Where in the product it can be found:**

This feature is only implemented in the online Test Tunnel. We have tested exclusively with the MAGIC screen reader with voice by Freedom Scientific on the PC with Firefox.

## **BRAILLE PRINTING**

We have verified that assessments exported to Word or PDF can be translated into Braille.

### **Rationale and context:**

Students with all types of disabilities need to be accommodated within the test tunnel. This includes students with visual impairments that need to take a test using Braille.

### **Target users and usage patterns:**

- Teachers and Braille transcribers.
- It is the recommended best practice that any assessment is verified by a Braille transcriber before it is given to a student.

### **Key features and capabilities:**

- Allows a teacher to export a test to Word or PDF. That file can then be translated into Braille.

### **Where in the product it can be found:**

This feature is implemented on the Assessment page and is only available if no Technology Enhanced Items (TEIs) have been added to the test.

## GENERAL IMS ENHANCEMENTS

### INBLOOM AS A DATA PROVIDER

**Rationale and context:**

Schoolnet has integrated with InBloom, giving our user base another source for data that can be loaded into the Schoolnet platform.

While this is not a partnership with InBloom, they are an open source independent company that contains relevant state/district data.

**Target users and usage patterns:**

Schoolnet customers who subscribe to inBloom data.

**Key features and capabilities:**

- Provides a new source for an Operational Data Store (ODS)
- Configurable
- Automated

**Where in the product can it be found:**

- Automatically loaded through ETL (Data Services)

**NEW DATA FIELDS IN STUDENT PROFILE: GPA, CREDITS ATTEMPTED, CREDITS EARNED**

**Rationale and context:**

Schoolnet accepts GPA, Credits Attempted, and Credits Earned when this content is available through the student information system.

Schoolnet will display the most recent data for the current school year. If the student is no longer enrolled, it will display the data as of the last date of enrollment.

Schoolnet will indicate that this is historical data and display the date associated to the data presented.

**Target users and usage patterns:**

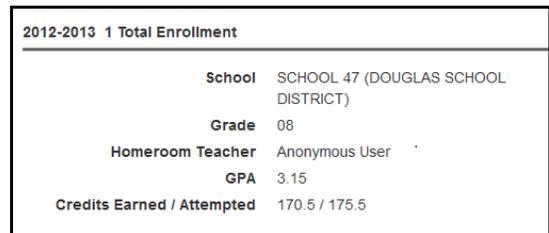
This information is available for all users who can access the student profile. It can be found on the Student Profile > Student Overview tab and Enrollment & Academic Record tab.

**Key features and capabilities:**

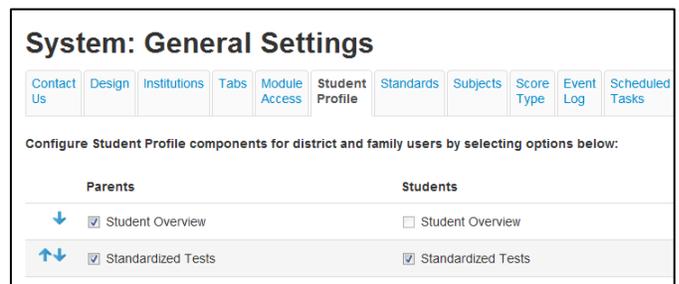
- Configurable at the data field level > System: General Settings > Student Profile > Cumulative Academic Record
- Cumulative GPA, Cumulative Credits Earned, and Cumulative Credits Attempted are located in Cumulative Academic Record on the Student Overview tab
- The Enrollment & Academic Record tab will show historical data broken out by academic year and school

**Where in the product can it be found:**

Available in the Student Profile for Administrators, Teachers, Parents, and Students.



**Screenshot 1 & 2:** Current cumulative data can be found on the Student Overview tab. Historical cumulative data can be found on the Enrollment & Academic Record tab.



**Screenshot 3 & 4:** Each data field is independently configurable.

**CONFIGURATION TO DISPLAY ALL SCHOOLS FOR A STUDENT ENROLLED IN TEACHER'S SECTION**

**Rationale and context:**

In some districts, a student may take classes in multiple schools. Existing Schoolnet functionality only displayed school information to teachers who taught in the respective school, not all schools in which a student takes classes. For districts that wish to display all schools for a student enrolled in a teacher's section, regardless of the enrollment school, there is a new system configuration.

**Target users and usage patterns:**

Teachers with students enrolled in classes in multiple schools and districts.

**Key features and capabilities:**

- A configuration has been added to display all schools in which a student is currently enrolled and taking classes at, to all of a student's current teachers.
- This will allow a student's teachers to view all of that student's schools even if he/she is not teaching in the designated primary enrollment school, but has this student enrolled in his/her class.

**Where in the product can it be found:**

System > General Settings > Student Profile > Student Profile Information Display Option > Display all schools in which the student is currently enrolled.

**Student Profile: Mayra Rudy**

[Create PDF](#)

You are not authorized to view this information, Grade Gr 11  
Student ID: 755423

- Student Overview
- Standardized Tests
- Growth Reports
- Disciplinary Incidents
- Programs
- Learning Plan & Teacher's Notes
- ILP
- Benchmark Tests
- Classroom Tests
- Enrollment & Academic Record
- Interventions

**Personal Information**

**Date of Birth** 11/27/1993  
**Gender** Female  
**Ethnicity** Hispanic/Latino  
**Race** Hispanic  
**Race Reporting Category** Hispanic  
**Special Education** NA  
**Gifted & Talented** NA

**Current Enrollment**

**School** Undisclosed school  
**Grade** Gr 11  
**Homeroom** Anonymous User  
**Enrollment Dates** 08/30 - Present  
**Days Enrolled** 920  
**Absences** 2.5  
**Tardy** 0  
**Taking Classes at** Undisclosed school

**Screenshot 1:** When checkbox is not checked, the teacher will see a new message indicating "undisclosed school."

# Student Profile: Mayra Rudy

Create PDF ?

You are not authorized to view this information, Grade Gr 11  
 Student ID: 755423

- Student Overview
- Standardized Tests
- Growth Reports
- Disciplinary Incidents
- Programs
- Learning Plan & Teacher's Notes
- ILP
- Benchmark Tests
- Classroom Tests
- Enrollment & Academic Record
- Interventions

## Personal Information

**Date of Birth** 11/27/1993  
**Gender** Female  
**Ethnicity** Hispanic/Latino  
**Race** Hispanic  
**Race Reporting Category** Hispanic  
**Special Education** NA  
**Gifted & Talented** NA

## Current Enrollment

**School** George Clinton High  
**Grade** Gr 11  
**Homeroom** Anonymous User  
**Enrollment Dates** 08/30 - Present  
**Days Enrolled** 920  
**Absences** 2.5  
**Tardy** 0  
  
**Taking Classes at** George Clinton High  
 Barack Obama High

## Current Academic Record

Course, Teacher	I3	G3	G2	I2	G1	I1	SiC	Currently Enrolled
<a href="#">ALGEBRA 2 Sec 04 Per 6</a> , Jay'aonia FLOYD-JEFFERSON George Clinton High	C	B	C	D	B	C	NA	✓
<a href="#">AP ENGLISH LANGUAGE &amp; COMPOSITION Sec 01 Per 7</a> , KRISTON Tyler-Hickman George Clinton High	B	A	A	A	A	A	NA	✓
<a href="#">CHEMISTRY Sec 05 Per 8</a> , Jeff Jr Kamoshe George Clinton High	A	B	D	C	C	B	NA	✓
<a href="#">FLORAL DESGN &amp; LAND SPEC1 Sec 01 Per 1&amp;2&amp;3</a> , De-Shiawn HENRY-SHIPLEY Barack Obama High	S	A	A	S	A	S	NA	✓

**Screenshot 2:** When checkbox is checked, all school information will display for teachers with a student currently enrolled in his/her class.

## **CHANGE ANSWER SHEET GENERATION TO A BACKGROUND TASK**

### **Rationale and context:**

Schoolnet allows a user to generate answer sheets for an assessment. An enhancement has been included to allow for users to generate answer sheets for a large number of students at once. This feature will break the answer sheet into batches and create multiple PDF files if the volume is too big to be accommodated by one PDF file.

### **Target users and usage patterns:**

Administrators generating large volumes of answer sheets.

### **Key features and capabilities:**

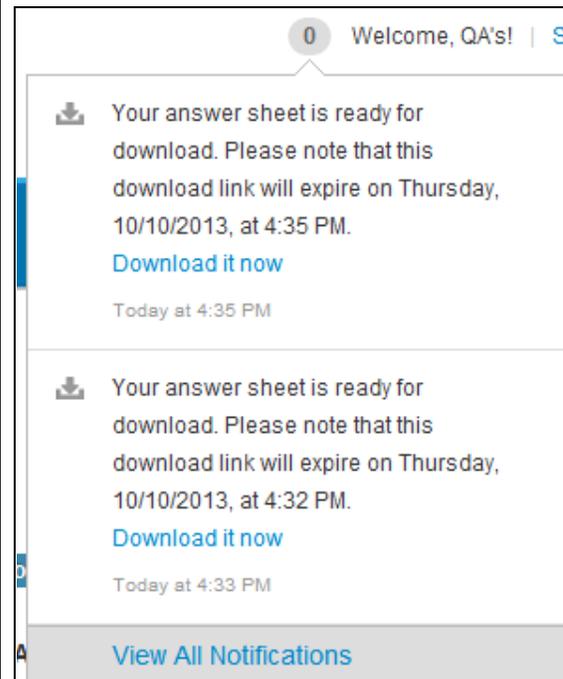
- Answer sheets are now generated in batches to prevent a failure during the PDF generation due to the volume of data
- PDFs are generated as a background task
- Answer sheets are created as multiple PDFs grouped by section, school, or student list, instead of one PDF containing all answer sheets for all students.

### **Where in the product can it be found:**

Assessment Admin > Generate Answer Sheet

Name	Type	Compressed size
 answersheet1of25	Adobe Acrobat Document	46 KB
 answersheet2of25	Adobe Acrobat Document	82 KB
 answersheet3of25	Adobe Acrobat Document	83 KB
 answersheet4of25	Adobe Acrobat Document	83 KB
 answersheet5of25	Adobe Acrobat Document	46 KB
 answersheet6of25	Adobe Acrobat Document	52 KB
 answersheet7of25	Adobe Acrobat Document	52 KB
 answersheet8of25	Adobe Acrobat Document	52 KB

**Screenshot 1:** When large volumes of answer sheets are created, PDFs can be downloaded from a zip file.



0 Welcome, QA's! | S

 Your answer sheet is ready for download. Please note that this download link will expire on Thursday, 10/10/2013, at 4:35 PM.  
[Download it now](#)  
Today at 4:35 PM

 Your answer sheet is ready for download. Please note that this download link will expire on Thursday, 10/10/2013, at 4:32 PM.  
[Download it now](#)  
Today at 4:33 PM

[View All Notifications](#)

**Screenshot 2:** After PDF generation is complete, a notification will appear in alerts that provides a link to download all of the files.

## NOTEWORTHY ENHANCEMENTS

- Answer Key Only Tests have been updated to better display inline item types.
- A new configuration setting has been added that allows Answer Key Only tests to be administered through the online test tunnel.
- Manage Test Windows have been enhanced for multi-tenant customers. Districts will now only be able to manage and view their own test windows.
- The assessment media configuration setting was separated into one for audio and one for video, allowing for the independent configuration of audio and video in the assessment module.
- Advanced Search was updated to allow a user to search for items based on the content contained in the answer choice for the item.
- Online test tunnel and Secure Tester (PC and Mac version) were updated to support hyperlinks. The hyperlinks will enable the website; however, it will prevent the user from accessing another website from the original link.
- Scoring Instructions and Rubric Scoring PDFs were updated to include Tasks/Activities.
- Hotspot items can be used as an activity on a task.
- Expand/Collapse links added to Item Central Search to allow users to see item and passage content faster.
- Select All links added to Item Central Search in order to give users the ability to quickly bulk select items to place on an assessment.
- Student responses are expanded by default on Score page to allow for easier scoring by the teacher.
- Activity Details are expanded by default on Item Details page and Student Profile page. Activity Details are displayed as collapsed in the lightboxes.
- Renamed the default text in the Subject drop-down when creating a test from “All Subjects” to ‘-Choose a Subject-’
- The ‘Hint’ field has been removed when the user creates a new item.
- The QTI 2.1 import has been enhanced to support the following item types and item content:
  - True/False
  - Matching
  - Inline Response
  - Rubric
  - Passages
  - TEI Drag and Drop
- A test total that updates in real time is now available on the upper right corner of the teacher scoring page. Teachers can now get immediate feedback on how this particular student is performing on the test during the scoring process.

- A total that updates in real time from all the activities in a task is now available to the right of the task header. The marker can now understand the student's performance not only at a question level, but at a task level as well.
- Most scores on the teacher scoring page are now displayed in the format "7/10 (70%)" rather than "7" to provide the scorer with more relevant information of student performance during the marking process.
- On the teacher scoring page, additional logic has been added to determine whether a task item is expanded or collapsed. If any activity in the task requires scoring by a teacher, the task item itself will now be expanded so teachers will no longer miss an item that still needs scoring.
- The configuration to enable Curriculum Data is now limited to a system setup role (Pearson internal) and is no longer available to a system operator role (client administrative user role). This prevents districts from accessing unsupported/unsubscribed areas of product.
- Single log out is supported when using a third party portal. Single log out is important when multiple products are working together as one system. Log out triggered from one system will log the user out of all systems maintaining the security of each application.
- Schoolnet has been enhanced to accommodate delivery of the application using an iFrame. Schoolnet links and sign out can be configured to be hidden for this set up.
- Interventions Dashboard Performance has been improved.
- The Early Warning Indicator Flag is calculated in Schoolnet based on data from inBloom and is displayed in the Standardized test tab.
- A configuration has been added to the student profile to disable attendance data.
- Configure Educator Effectiveness measure names - EDS ships with default names for measures, like 'Observations' or 'Student Perception', and those names are used in navigation and labels, and these names can now be changed in the new Measure Settings tab of EDS General Settings
- Choose tasks PD facilitators can execute - a new control in EDS PD Planner Settings enables you to choose which tasks you want to delete to facilitators of their sections, such as awarding credit or adding walk-ins
- Personal context in PD search results - activities returned in PD search results show users whether they are registered, pending approval, or waitlisted