

 **eduphoria!**
SchoolObjects:awareTM

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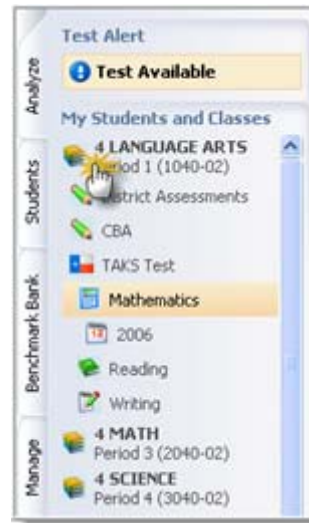
Data Analysis

Teachers can easily view TAKS and benchmark data on their students to help facilitate data analysis. This section will cover the basics of viewing data.

VIEWING A TEST

- Expand the class period, test type, subject, year, and grade level (by clicking on each folder) to view a test

Note: When selecting a grade level for a TAKS test, keep in mind that this is the grade the students were in when they took the test. You are only able to view students that you have in your current roster. So, you will select the TAKS test most recently took, not necessarily the grade level they are currently enrolled.



Once the test is selected, a list of students that took the test will appear. This should be the teacher's current roster students.

Note: If a student moved from another district, the TAKS scores may not appear for that student.

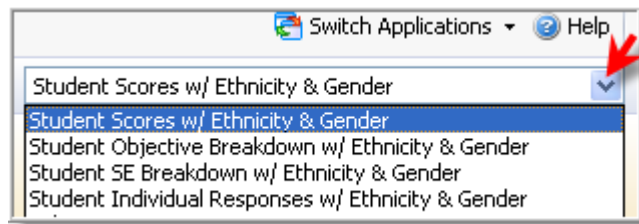
A screenshot of a "Student Scores" table. The table has columns for Student Name, Local ID, Economic Disadvantage, LEP, Gender, Ethnicity, Raw Score, Scale Score, Percent Score, Met Expectations, and Commended Performance. The data is for "April 2006 Mathematics, Grade 4".

Student Name	Local ID	Economic Disadvantage	LEP	Gender	Ethnicity	April 2006 Mathematics, Grade 4				
						Raw Score	Scale Score	Percent Score	Met Expectations	Commended Performance
Large, Randall	020447	No	Other Non-LEP Student	Male	White Not Hispanic	27	2073	64%	No	No
Larios, Elizabeth	020613	Yes	Other Non-LEP Student	Female	White Not Hispanic	41	2536	97%	Yes	Yes
Lassiter, Logan	042246	No	Other Non-LEP Student	Female	White Not Hispanic	37	2287	88%	Yes	No
LAUER, Michael	053332	No	Other Non-LEP Student	Male	White Not Hispanic	23	2011	54%	No	No
Lazaro, Melinda	062920	No	Other Non-LEP Student	Female	White Not Hispanic	39	2400	92%	Yes	Yes
Leavell, Robert	062931	No	Other Non-LEP Student	Male	White Not Hispanic	37	2287	88%	Yes	No
Leblanc, Carson	062932	No	Other Non-LEP Student	Female	White Not Hispanic	40	2433	95%	Yes	Yes
Ledesma, Danielle	062949	No	Other Non-LEP Student	Female	White Not Hispanic	33	2182	78%	Yes	No

CHANGING TEMPLATES

There are four default templates that display different information about the test, such as Objective and SE information. District or campus administrators may create different templates that will appear in the list to provide more ways to analyze the test data.

- Click on the drop-down menu to choose a pre-created template. The template will be applied to the selected test.



(Upper right corner of screen)

Note: If the district or campus level personnel has shared a template with you, it will appear in the list of available templates.

Template Descriptions

Below is a list of information each default template will display when applying it to a test.

Student Scores

- Raw score
- Scale score
- Percent score
- Met Expectations
- Commended Performance

TAKS Objectives

- Objectives - % Score
- Raw score
- Scale score
- Percent score
- Met Expectations
- Commended Performance

TEKS Student Expectations

- SE - % Score
- Raw score
- Scale score
- Percent score
- Met Expectations
- Commended Performance

Student Responses/Item Analysis

- Shows percent correct/incorrect for each question/objective/SE
- Raw score
- Scale score
- Percent score
- Met Expectations
- Commended Performance

SORTING A COLUMN

Data can easily be sorted in ascending or descending order to help facilitate data analysis.

To sort a column in ascending order, click on the column name. To sort in descending order, click on the column name again.

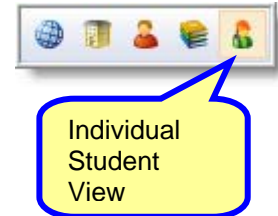
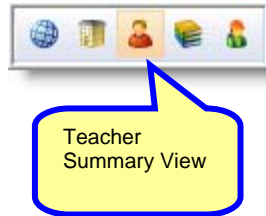
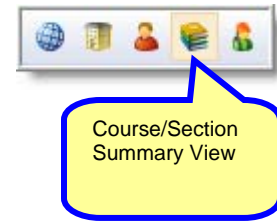
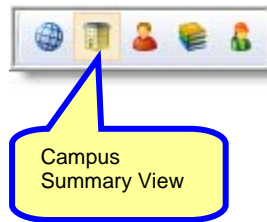
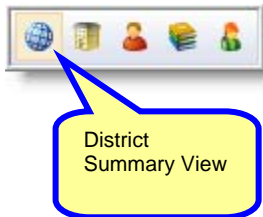
***To sort within a sort, click on the first column to sort, and then click on the second column.

5th grade science benchmark # 1		
Raw Score		Percentile Score
25.25		84.18
25.25		84.18
24.72		82.36
25.35		84.54
25.65		85.58

LEVELS

By changing the level, data can be viewed from different perspectives.

Toggle between the levels by clicking on each level.



DRILLING DOWN

Drilling down on data will display the results for a particular group or open the student's profile.

To view results for students grouped together on a view, double click on the row title in the blue area of the screen. Drilling down on a student will display the student's profile.

In the example to the right, **double clicking** on *Economic Disadvantage* will display the Economically Disadvantaged students in a teachers class that took this test.

	April 2006 Mathematics, Grade 4					
	Total Students	Raw Score	Scale Score	Percent Score	Met Expectations	Commended Performance
Dinkelkamp, Gail	35	35.34	2319.26	83.63%	85.71%	48.57%
Economic Disadvantage	3	41	2536	97%	100%	100%
Hispanic	3	35.33	2331	83.33%	66.67%	66.67%
White Not Hispanic	32	35.34	2318.16	83.66%	87.5%	46.88%
Female	17	35.76	2326.29	84.59%	88.24%	52.94%
Male	18	34.94	2312.61	82.72%	83.33%	44.44%
Second Year of Monitoring	3	36.33	2393.33	86%	100%	66.67%

***After drilling down, click the left green arrow to go "back" a level. (upper left corner of screen)



**Note: If you drill down on a student's name, it will take you to the student's profile, which will be discussed in the section titled *Student Profile*.

COLORING

Test data can be color coded to make data stand out and view trends.

To view **color coding**, click the Color Coding icon in the upper left corner. The data will be color coded according to the following scale:

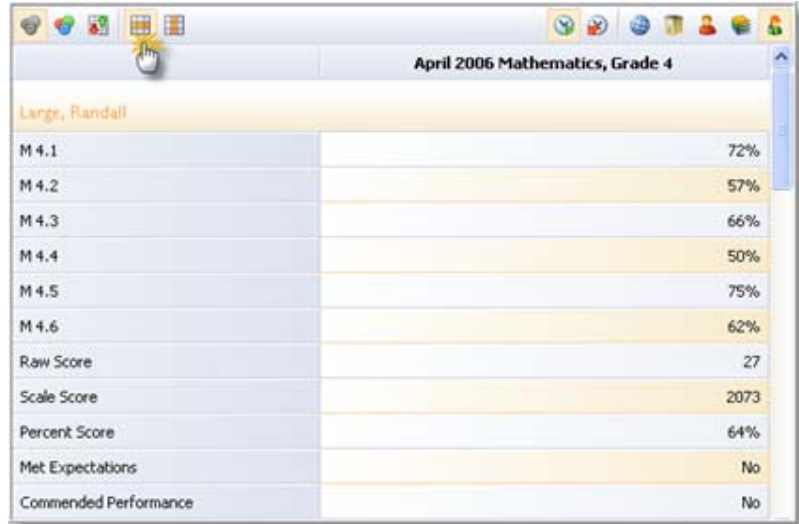
90-100 = green	>2400 = green
80-89 = yellow	2399-2201 = yellow
76-79 = orange	2200-2100 = orange
<76 = red	<2100 = red



DATA PIVOT Data pivoting allows data to be displayed vertically.

When a test is initially viewed, by default it will be displayed horizontally. Click the **Compare Across Tests** icon in the upper left corner to flip the column titles so that the data will be displayed vertically. To compare across groups again, click the **Compare Across Groups** icon and the view will change back.

**In the example on the right, the data was flipped on the *Student Objective Breakdown* template to view the data in a different way. Sometimes this view may be better for printing.



April 2006 Mathematics, Grade 4	
Lange, Randall	
M 4.1	72%
M 4.2	57%
M 4.3	66%
M 4.4	50%
M 4.5	75%
M 4.6	62%
Raw Score	27
Scale Score	2073
Percent Score	64%
Met Expectations	No
Commended Performance	No

PRINTING Any data view can be exported to Excel or as a PDF.

Click **Print to Excel** to export the document to Excel.

Click **Print to PDF** to export the document as a PDF.

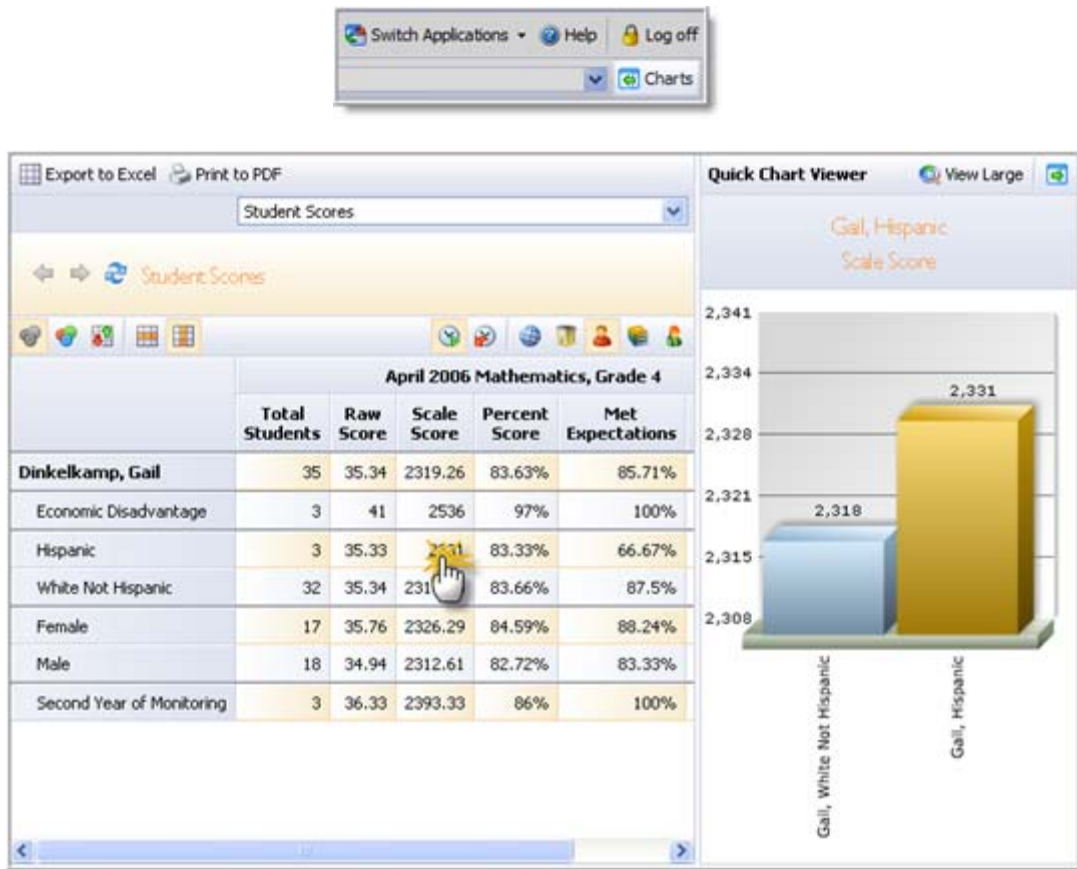


CHARTING The charting feature allows you to save a chart as an image, print in color, and smart charts. Smart charting will automatically chart information as a bar or line graph when applicable and auto adjust the scale on the chart according to the values being graphed.

***Note:* Only group data can be graphed. Group data includes district, campus, and teacher levels.

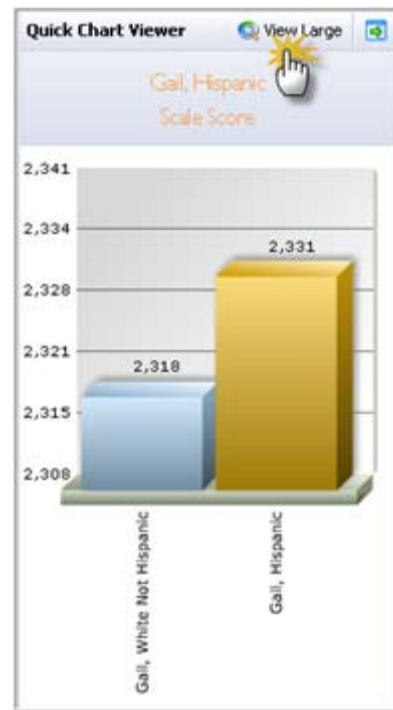
Charting Test Data

- Select a test
- Switch to district, campus, or teacher level
- Click the **Charts** icon, located in the upper right corner of the screen (below the Log off button)
- Click on the number in the column to chart

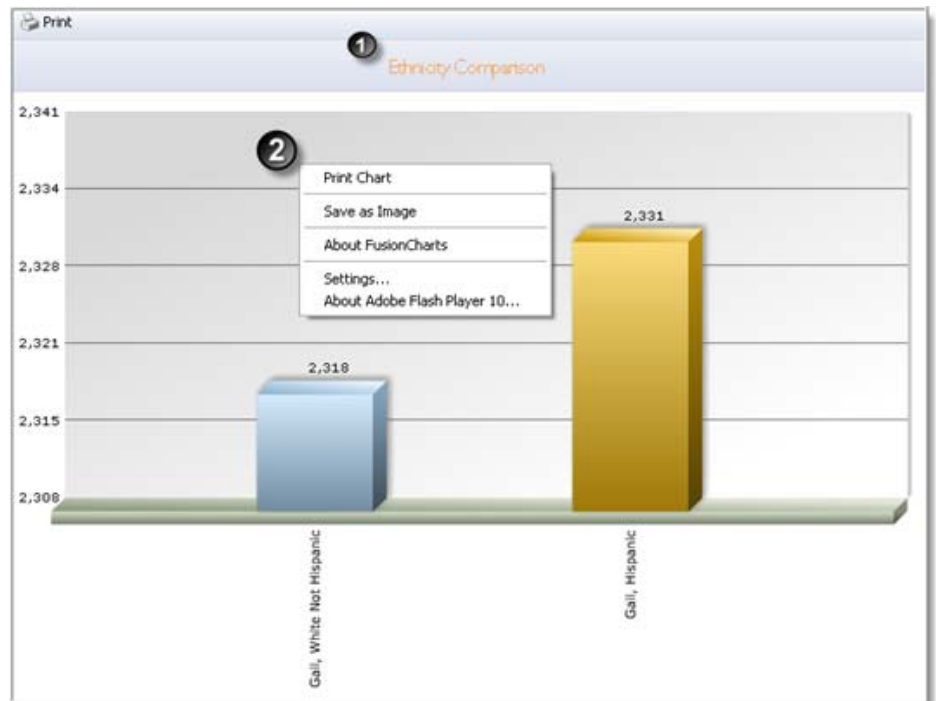


Labeling, Printing, and Saving a Chart

To title, print, or save a chart, click the **View Large** button, located at the top of the chart.



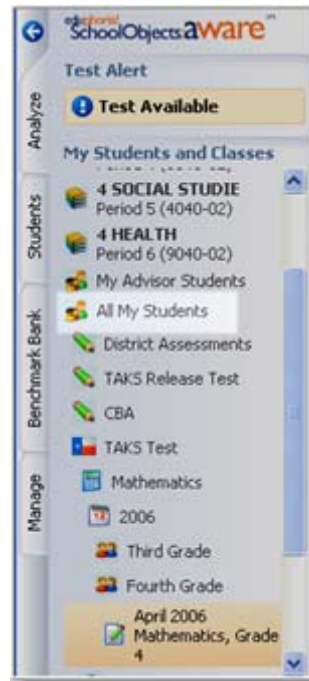
- 1 Highlight the current tile and rename it.
- 2 Right click on the chart and choose to print or save the image.



VIEW ALL STUDENTS Teachers can view all students at one time and by course and section.

To view all students for a test, expand *All My Students*, test type, subject, year, grade level, and test.

All the students who took the test will be displayed.

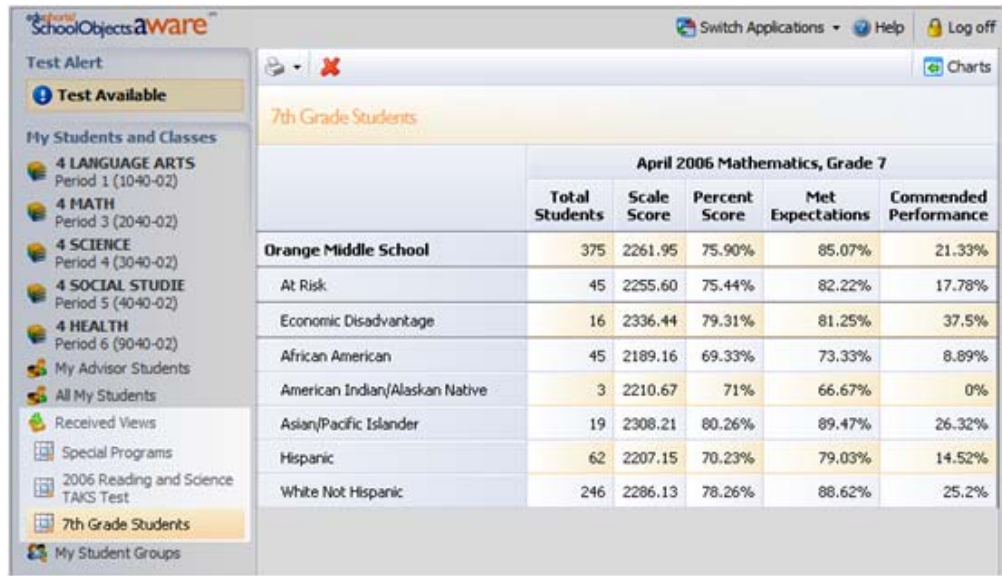


To view students by course and section, select the **Course and Section** level icon. The course and sections will be grouped so that the average scores for each section can be compared. To see the students for a section, drill down by double clicking on the teacher's name and section.

April 2006 Mathematics, Grade 4						
	Total Students	Raw Score	Scale Score	Percent Score	Met Expectations	Commended Performance
Blue Elementary	25	34.24	2285.08	81.04%	84%	40%
4 MATH [2040]	25	34.24	2285.08	81.04%	84%	40%
Maples, Louis - 3 [01]	13	34.15	2252.92	80.77%	84.62%	30.77%
Economic Disadvantage	1	41	2536	97%	100%	100%
Hispanic	1	26	2057	61%	0%	0%
White Not Hispanic	12	34.83	2269.25	82.42%	91.67%	33.33%
Female	7	34.86	2270.14	82.43%	85.71%	28.57%
Male	6	33.33	2232.83	78.83%	83.33%	33.33%
Maples, Paul - 3 [02]	12	34.33	2319.92	81.33%	83.33%	50%
Economic Disadvantage	2	41	2536	97%	100%	100%
Hispanic	2	40	2468	94.50%	100%	100%
White Not Hispanic	10	33.20	2290.30	78.70%	80%	40%
Female	5	36	2345.80	85.20%	100%	60%
Male	7	33.14	2301.43	78.57%	71.43%	42.86%

RECEIVING A SENT VIEW

The sent view can be viewed by the teacher on the Analyze tab under *Received Views*. The teacher can print the view; however, they will not be able to edit or drill down on demographic data. The sent view is viewed exactly as it is shared unless they already have rights to view the students' data.



The screenshot displays the SchoolObjectsaware interface. On the left is a navigation pane with a 'Test Alert' section and a 'My Students and Classes' list. The main content area shows a report for '7th Grade Students' titled 'April 2006 Mathematics, Grade 7'. The report includes a table with the following data:

	Total Students	Scale Score	Percent Score	Met Expectations	Commended Performance
Orange Middle School	375	2261.95	75.90%	85.07%	21.33%
At Risk	45	2255.60	75.44%	82.22%	17.78%
Economic Disadvantage	16	2336.44	79.31%	81.25%	37.5%
African American	45	2189.16	69.33%	73.33%	8.89%
American Indian/Alaskan Native	3	2210.67	71%	66.67%	0%
Asian/Pacific Islander	19	2308.21	80.26%	89.47%	26.32%
Hispanic	62	2207.15	70.23%	79.03%	14.52%
White Not Hispanic	246	2286.13	78.26%	88.62%	25.2%

Student Profile

The student profile displays demographic information about the student, as well as other pertinent information discussed in this section.

Drill down to the student profile by double clicking on the student's name from a data view.

Student Name	Local ID	Gender	Campus Name	Ethnicity	Raw Score
Litke, Ana	093425	Female	Blue Elementary	Hispanic	26
Looney, Luis	086670	Male	Blue Elementary	Hispanic	39
McClellan, Kaleb	089779	Female	Blue Elementary	Hispanic	41

OR

- Click on the **Students** tab on the left side of the screen
- Enter student's name or ID#
- Click **Search**

To clear the search criteria, click the **Clear button.

The screenshot shows the 'SchoolObjectsAware' interface. On the left, there is a navigation menu with 'Students' selected. The main area is divided into 'General' and 'Students' sections. The 'General' section has input fields for 'Name or ID:' and 'Grade:' (set to 'Any'), and a 'Monitor List:' field (set to 'Any'). A 'Search' button is visible. The 'Students' section displays a list of student names, with 'Lopes Gaona JR., James S' selected at the top. Other names in the list include Lopez - Nunez, Anthony S, Lott, Jose A, Loving, Brittany P, Mahan, Skyler N, Maloch, Stephanie, MASONE, Seth, MEEK, Skylar L, Morin, Samantha M, Mustico, Soraya H, Myres, Steven O, Neavez, Reagan R, Nelsen, Jessica L, Nichols, Victoria N, Nix, Grant T, NORWOOD, Billie J, and Oestreicher, Callie E.

GENERAL TAB The General tab displays the student's current schedule and whether or not the student is coded for any programs such as Special Ed, ESL, Economically Disadvantaged, etc.

The screenshot shows the 'Student Profile' page for 'Abadia, Reggie'. At the top left is a small photo of the student. To the right of the photo, the following information is displayed: Student ID: 090598, Date of Birth: 9/8/1992, Grade Level: Eighth, Ethnicity: Hispanic, Campus: Orange Middle School, Gender: Male. Below this information are tabs for 'General', 'Tests', 'Student Programs', 'Reading Inventory', 'Forms', and 'Journal'. Under the 'General' tab, there are 'Print' and 'Reset Password' buttons. The 'Student Codes' section states: 'This student is not coded for any programs.' The 'Current Schedule' section lists two items: 1. L/A 8 TM B (112) Clayton, Richard and 2. SCI 8 TM C (105) Schiltler, Erasmo.

TESTS TAB The Tests tab will contain the complete test history for the student. There are two views available when looking at a test from the student's profile. *Show All Tests* will display all district assessments and TAKS tests for the student on one screen. *Test Details* will display a detailed data analysis on a specific test for a student.

Show All Tests

There are two ways to access the complete test history:

- Drilling down on the student from a specific test and then clicking on *Show All Tests* in the upper right corner
- Searching for the student from the Students tab and clicking on the Tests tab

**Printing from this screen will print a complete test history for the student.

Test Name	Scale	Raw	Percent	Met
April 2006 Reading, Grade 8	2192	39/48	81%	Met
April 2006 Social Studies, Grade 8	2164	30/48	62%	Met
April 2006 Mathematics, Grade 8	2157	34/50	68%	Met
April 2006 Science, Grade 8	2100	33/50	66%	Met

Test Details

There are two ways to access the test details:

- Drilling down on the student from a specific test
- Searching for the student from the Students tab, clicking the Tests tab, and double clicking on a specific test

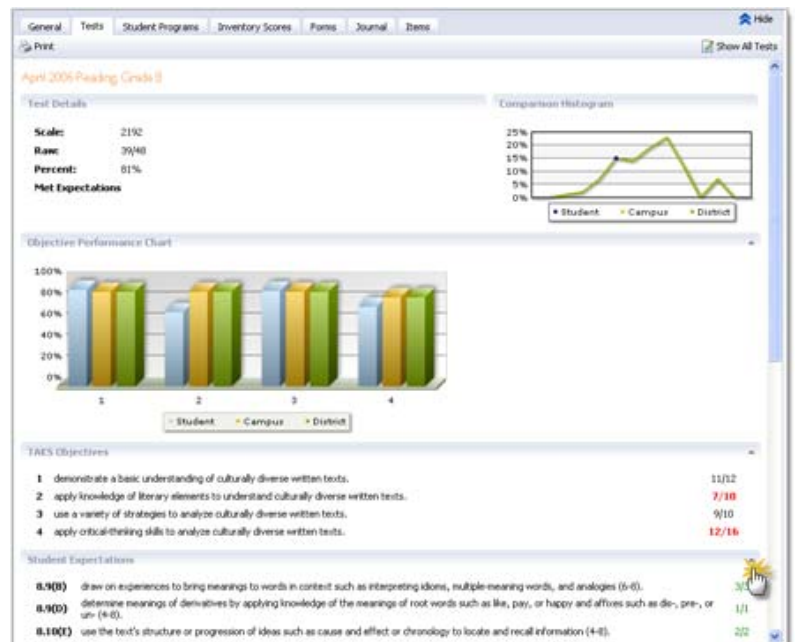
Comparison Histogram: The Comparison Histogram is a distribution of Scale (or Percent) scores for the campus and district. The X axis represents the scale scores. The Y axis represents the percentage of students who fell within that group. The dot represents where the student fell.

Objective Performance Chart: Shows how the student performed on each objective, compared to the campus and district.

TAKS Objectives and Student Expectations: Shows the number of objectives/SE's correct out of the total number of objectives/SE's on the test.

Individual Question Response: Shows exactly what the student bubbled on the answer document, as well as the objective and SE for each question.

**Printing from this screen will print a detailed item analysis for the test.



STUDENT PROGRAMS/INVENTORY SCORES/FORMS TABS

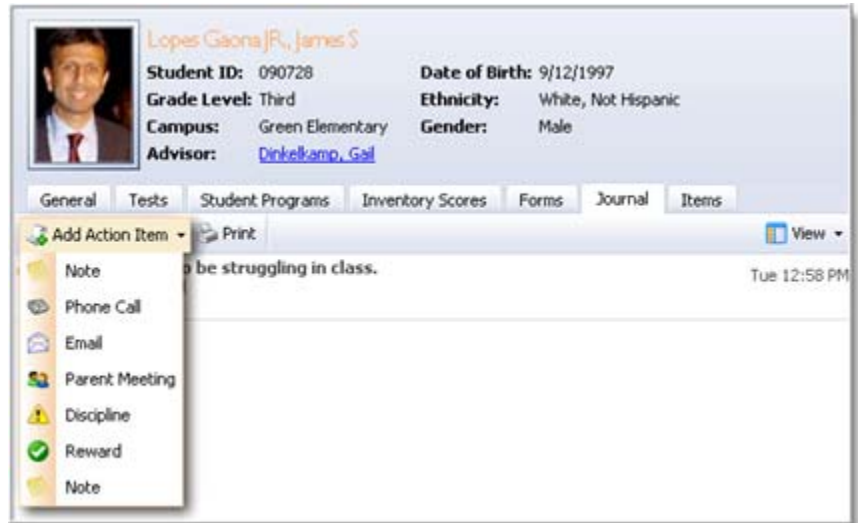
District administrators can create interventions, inventories, and forms and add them to a student under the respective tabs on the Student Profile. If given the assign rights, a teacher can assign these items to students as well.

JOURNAL TAB The Journal Tab displays any journal actions added to the student. Teachers will only be able to view journal actions they actually add. Principals can see all journal actions added to the student.

- To add a journal action:
 - Click **Add Action Item**
 - Choose the action item
 - Enter the text for the journal action
 - Click **Add Item**
- To print journal actions, click the **Print** button
- To delete a journal action, click the **Delete** button

**Any journal action added will display the title, who added the action item, and the date.

**Only principals and district admin can delete journal action items.



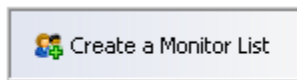
Monitor Groups/Lists

Monitor Lists are typically created by teachers that need to be able to see students that are not in their current roster. For example, a teacher tutors students after school from another campus or from another class and needs to be able to see their profiles. By creating a monitor list and having the principal approve it, the teacher will be able to view all information on the students; profiles.

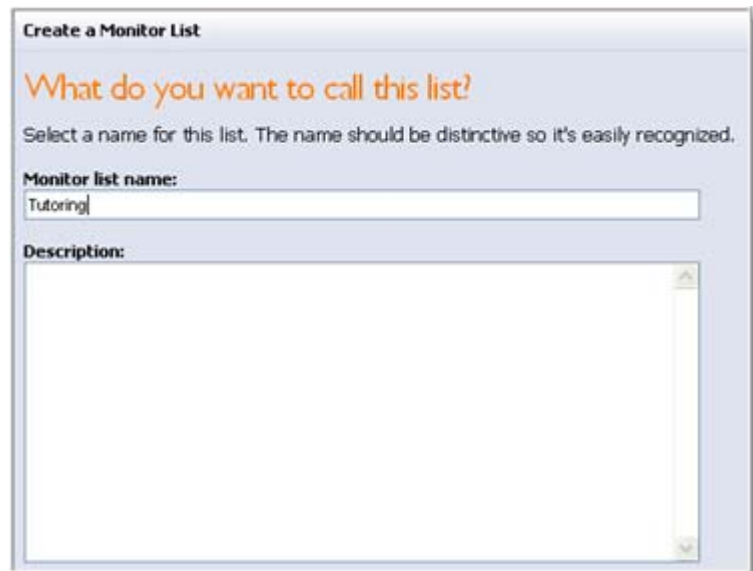
Monitor Groups are created by campus or district level administrators. When a monitor group of target students is created, the teachers who have students in the group will be able to automatically view the target group.

CREATING A MONITOR LIST

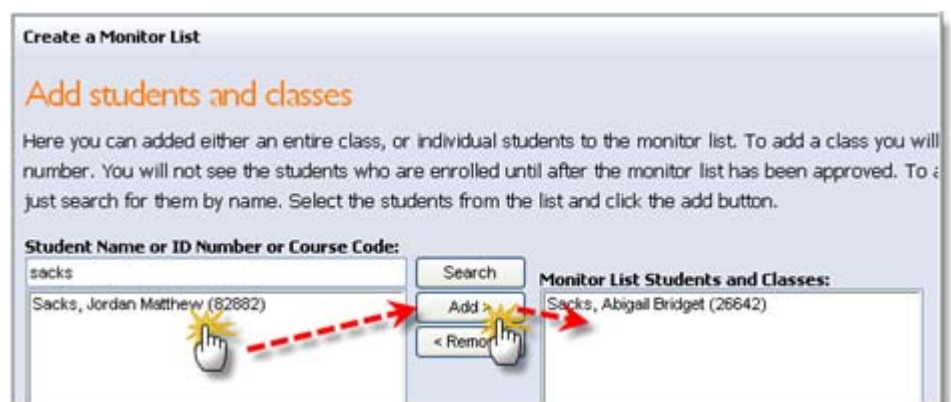
- Select *Create a Monitor List* in the lower left corner



- Follow the creation wizard to create a list
- On the third step, enter a name for the monitor list and click **Next**

A screenshot of the "Create a Monitor List" wizard. The title is "Create a Monitor List". Below the title is the question "What do you want to call this list?". Underneath, there is a text box labeled "Monitor list name:" containing the text "Tutoring". Below that is a larger text area labeled "Description:". The background is light blue with white text.

- Search for a student by typing in the student's last or first name, or ID#
- Press **Enter** or click **Search**
- Select the student from the list and click **Add** so that the name appears in the box on the right
- Repeat the process until all students are added and click **Next** and **Finish**

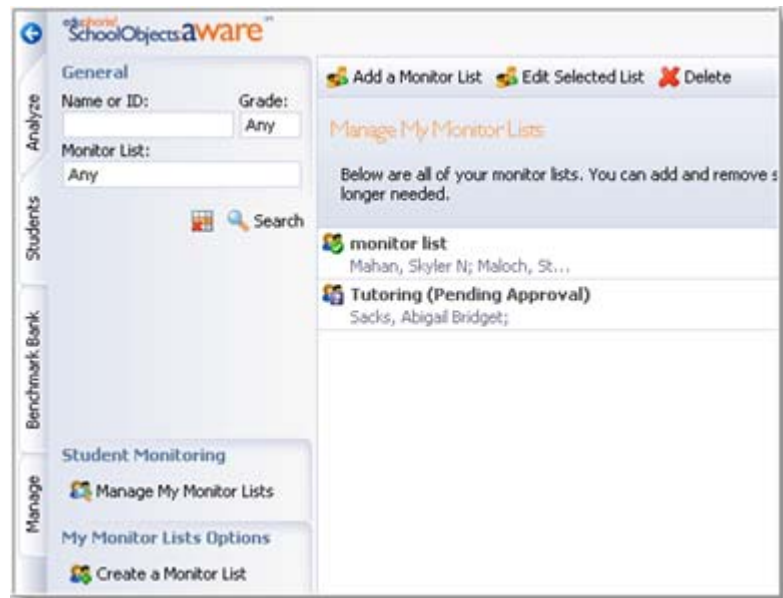
A screenshot of the "Create a Monitor List" wizard, step 2. The title is "Create a Monitor List". Below the title is the heading "Add students and classes". The text below says: "Here you can added either an entire class, or individual students to the monitor list. To add a class you will number. You will not see the students who are enrolled until after the monitor list has been approved. To a just search for them by name. Select the students from the list and click the add button." There are two main sections: "Student Name or ID Number or Course Code:" and "Monitor List Students and Classes:". The first section has a search box with "sacks" entered and a "Search" button. Below the search box is a list of results: "Sacks, Jordan Matthew (82682)". The second section has a list of results: "Sacks, Abigail Bridget (26642)". There are "Add >" and "< Remove" buttons between the two sections. Red dashed arrows point from the "Add >" button to the "Sacks, Abigail Bridget (26642)" entry in the second list. A hand cursor is shown over the "Add >" button.

**The monitor list will be pending approval until an administrator approves it.

MANAGING MONITOR LISTS

Monitor Lists can be created, edited, and deleted on the Students Tab.

- From the Students tab, select *Manage My Monitor Lists*
- Select the list and either edit or delete the list by using the buttons on the toolbar



VIEWING A GROUP OR LIST

Once a Monitor List is approved, the teacher can search for the student from the Students Tab or view the student's profiles from the Analyze tab.

To view a monitor group or list, select *My Student Groups* from the Analyze Tab.

Select the student to see the student's profile.

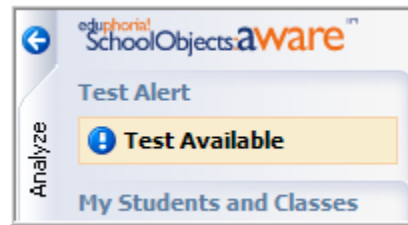


Benchmarking

Teachers have the option to print answer documents for their classes all at once, administer a test using CPS, and administer tests online.

PRINTING ANSWER DOCUMENTS

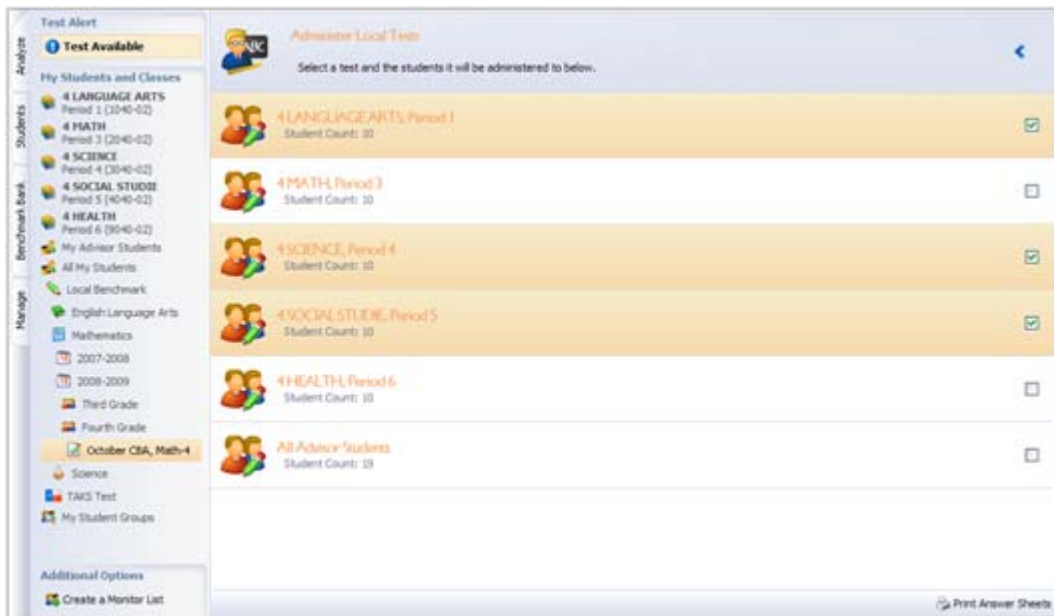
- Click **Test Available** on the Analyze tab



- Select the test from the list of available tests



- Choose each class period to print answer documents; click on the class again to de-select
- Click **Print Answer Sheets** located in the lower right corner
- Select **Open** to view the answer documents as a PDF and click the Printer icon to print



ADMINISTERING A TEST USING eINSTRUCTION CPS

In order for teacher to administer a test using CPS, the benchmark administrator will need to turn on this option for the test and the CPS application from Eduphoria needs to be downloaded to the computer administering CPS.

Locate the CPS application at <http://eduservia.schoolobjects.com/clickersetup.zip> and follow the wizard to install.

- Select the test from the list of available tests
- The tests that can be administered using CPS will have a CPS icon next to the printer icon

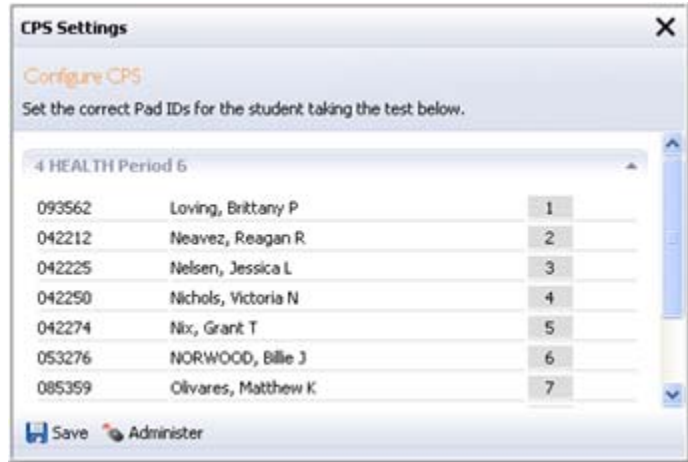


- Choose the class period to administer the test; click on the class again to de-select
- Click **Use CPS Devices**

Note: More than one class period can be selected. Only select multiple class periods if you want the classes to be merged together into one list.



- Set the correct Pad IDs for each student taking the test
- Click **Save** to save the Pad IDs to use at a later time
- Make sure the CPS scanning application is installed and the CPS receiver is plugged into the computer
- Click **Administer** to administer the test



Note: If you receive a Page Warning message, the application needs to be installed.

- Once the CPS receiver is detected, login to eduphoria

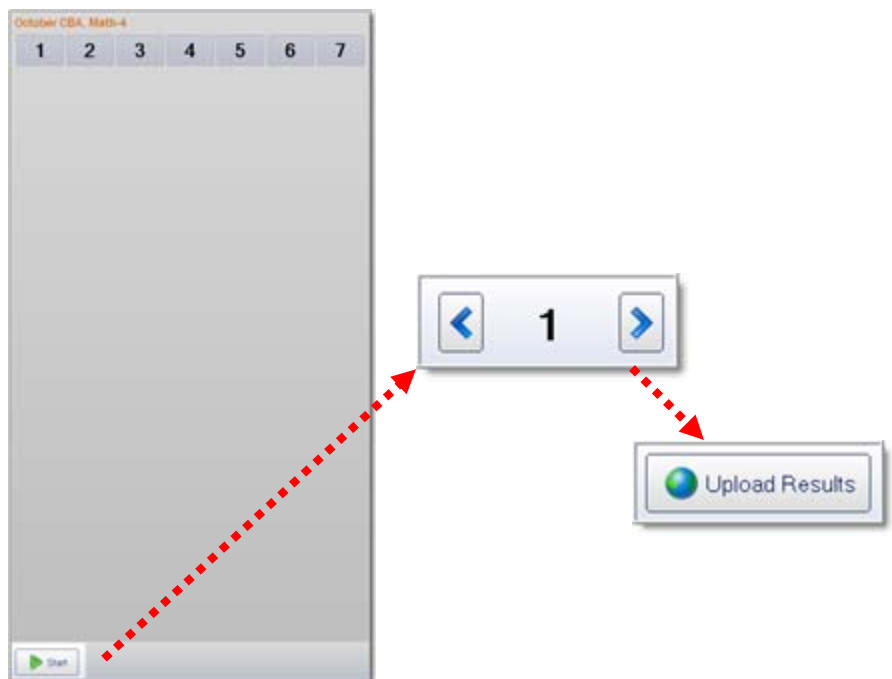


TEACHER MANAGED ASSESSMENT

- Click the **Start** button once students are ready to begin

As students answer the first question, their pad numbers will turn blue.

- Click the arrows at the bottom right corner of the screen to move between questions
- Once the students are finished, click **Stop** at the lower left corner
- Click **Upload Results** to upload the student responses to Aware



STUDENT MANAGED ASSESSMENT

- Click the **Start** button once you are ready for students to begin

The first row is the Pad ID number.
The second row is the question number the student is currently answering.

- Click the **Stop** button once students are finished with the test
- Click **Upload Results** to upload the student responses to Aware

October CBA, Math-4

1	2	3	4	5	6	7
1	1	1	1	1	1	1

Start



October CBA, Math-4

1	2	3	4	5	6	7
5	5	3	6	8	1	1



Upload Results

ONLINE TESTING

In order for a teacher to administer a test online, the test administrator must enable online testing, and choose whether the *administrator* or the *teacher* can **Start** and **End** testing. Check with the test administrator to see which options were selected. The password must also be set by the administrator so that each student has the same password, or by the teacher for each student from the General Tab in the Student's profile.

- Select the test from the list of available tests
- The tests that can be administered online will have a globe next to the printer icon



- Select the course
- If the administrator has enabled the *teacher* to start online testing, then the teacher will select **Start Online Testing** and click **Start**



STUDENT DIRECTION

The students will need to login to eduphoria to take the test:

- Open Internet Explorer and enter the district's eduphoria address and add [/aware/onlinetesting](#) to the address
- Login with Student ID number and password (the password is set by the test administrator or the teacher)



STUDENT DIRECTION

- Select the online test available and click **Next**

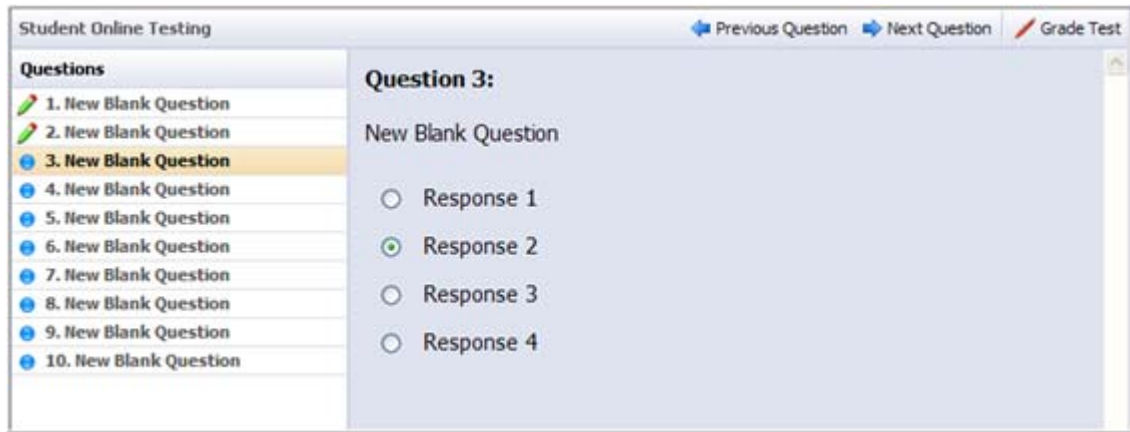


STUDENT DIRECTION

- Answer each question by clicking on the question and selecting the correct answer
 - As each question is answered, the icon next to the question will become a pencil
 - To navigate between questions, either click the previous and next question buttons at the top, or click on the next question
- Click **Grade Test** and **Finish** to submit the test

Notes:

- Once the test has been submitted, the student will not be able to access the test again.
- If the student needs to finish the test at a later time, the student can exit the test and log back in as long as the teacher has **Started** online testing again.



-
- Once all tests are submitted, choose the test under **Test Available**, select **Start Online Testing**, and click **Stop**. Students will no longer be able to take the test online unless the teacher **Starts** the test again.
 - Results can be viewed on the Analyze tab.

SCANNING

- Double click on the SchoolObjects Scanner icon on the desktop



- Click **Next**



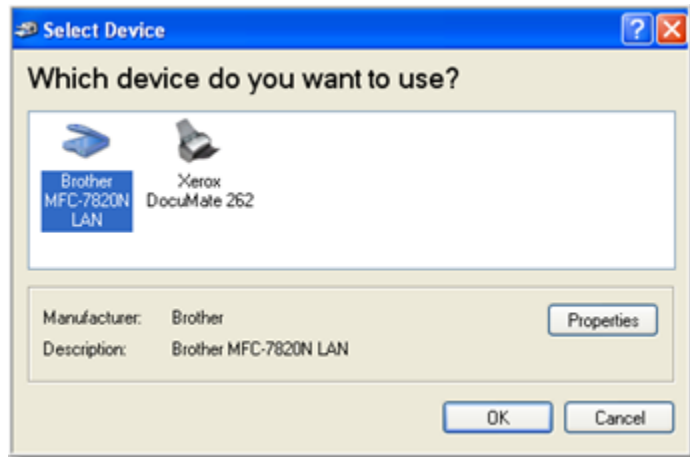
- Enter a username and password
- The first time the scanning application is used, your district eduphoria address will need to be entered
- Click **Next**



- Place the test forms on the scanner
- Click **Next**



- Click **OK**



- Click **Upload Data** or **Scan additional tests**
- Click **Next**

The tests will be uploaded.



Once the answer documents are uploaded, there are two options available:

- Click the **Finish** button to complete the process, OR
- Click **View Bubble Sheets** to see available view options on scanned answer documents



Unreadable – see any unreadable answer documents that were scanned

Not uploaded – see any answer documents that were not uploaded

All – view all answer documents that were scanned successfully. The first image will display a copy of the image that was scanned. Roll the mouse over the image to see how the scanner read the answer choices. **Green** is what the student bubbled in. **Red** is a possible choice available, but the answer choice was not selected by the scanner based on the darkness and how much of the bubble was filled in.

Click the arrow on the right side of the window to scroll through the answer documents. Click **Close** to return to the previous window and click **Finish**.

