



# Board Workshop Presentation

## January 22, 2013

*A continuation from December 4, 2012*

# Programs for At Risk Students

Phoenix Academy

January 22, 2013

A continuation from December 4, 2012



# Phoenix Academy

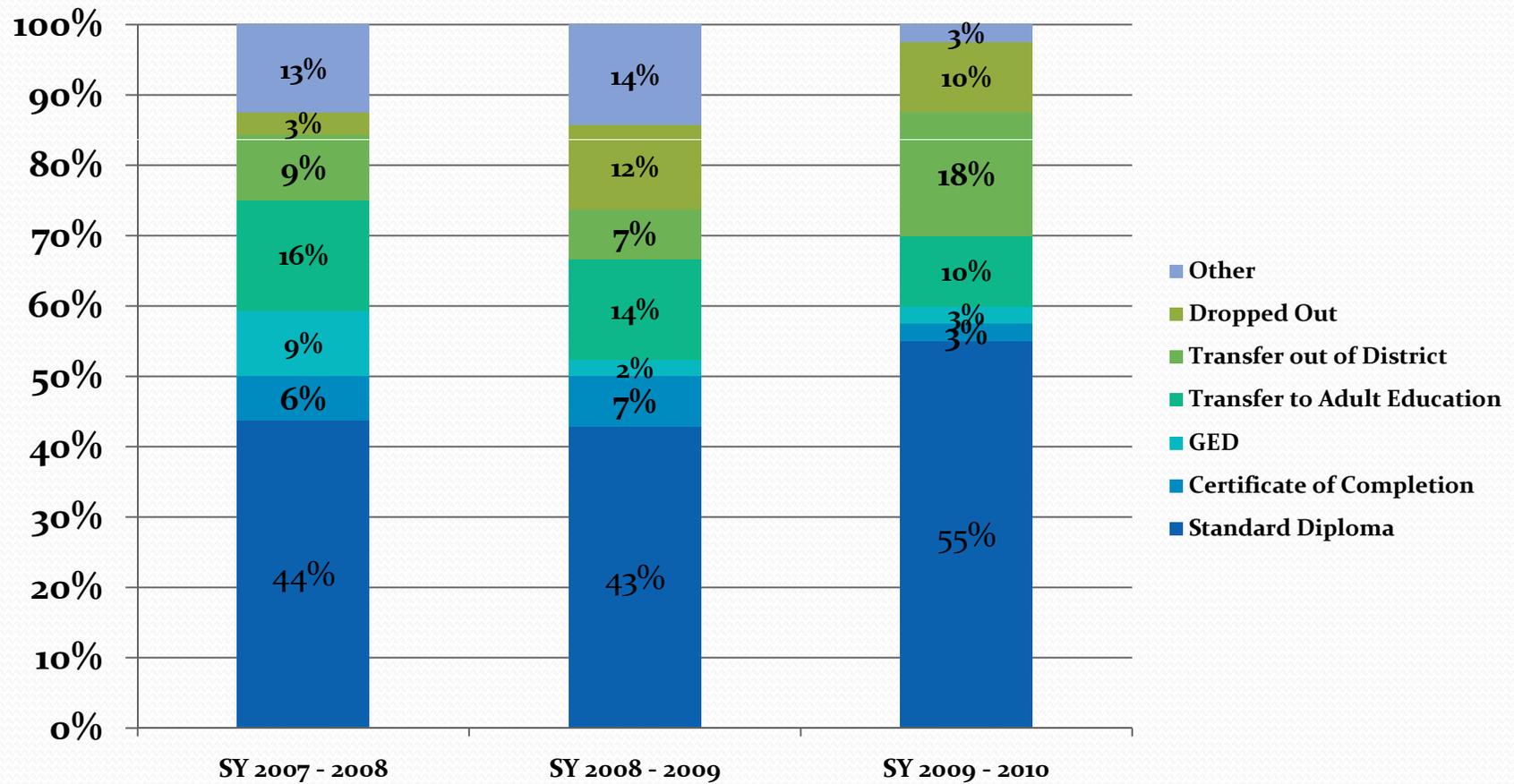
- School serves grades 8, 9 and 10
- Students have the option of attending their districted high school at the completion of each school year
- Maximum of 200 students served
- Choice school for high-risk, academically challenged students
- Literature rich, reading based curriculum
- Relationship based environment supported by research based instructional strategies

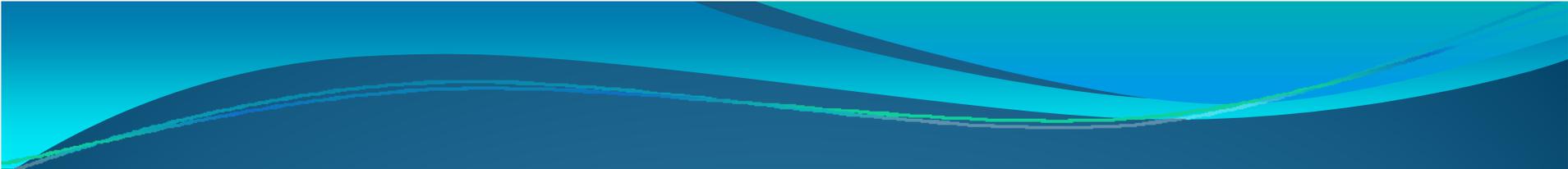


# Phoenix Academy

- Community support and involvement is strong including the arts community and civic organizations
- Low student-teacher ratios
- Technology rich environment
- Students can participate in extracurricular activities at their districted school

# Phoenix Academy 10<sup>th</sup> Grade Students How did they fare?





IDENTIFYING  
STUDENTS AT RISK  
with  
The Instructional  
Improvement System

January 22, 2013

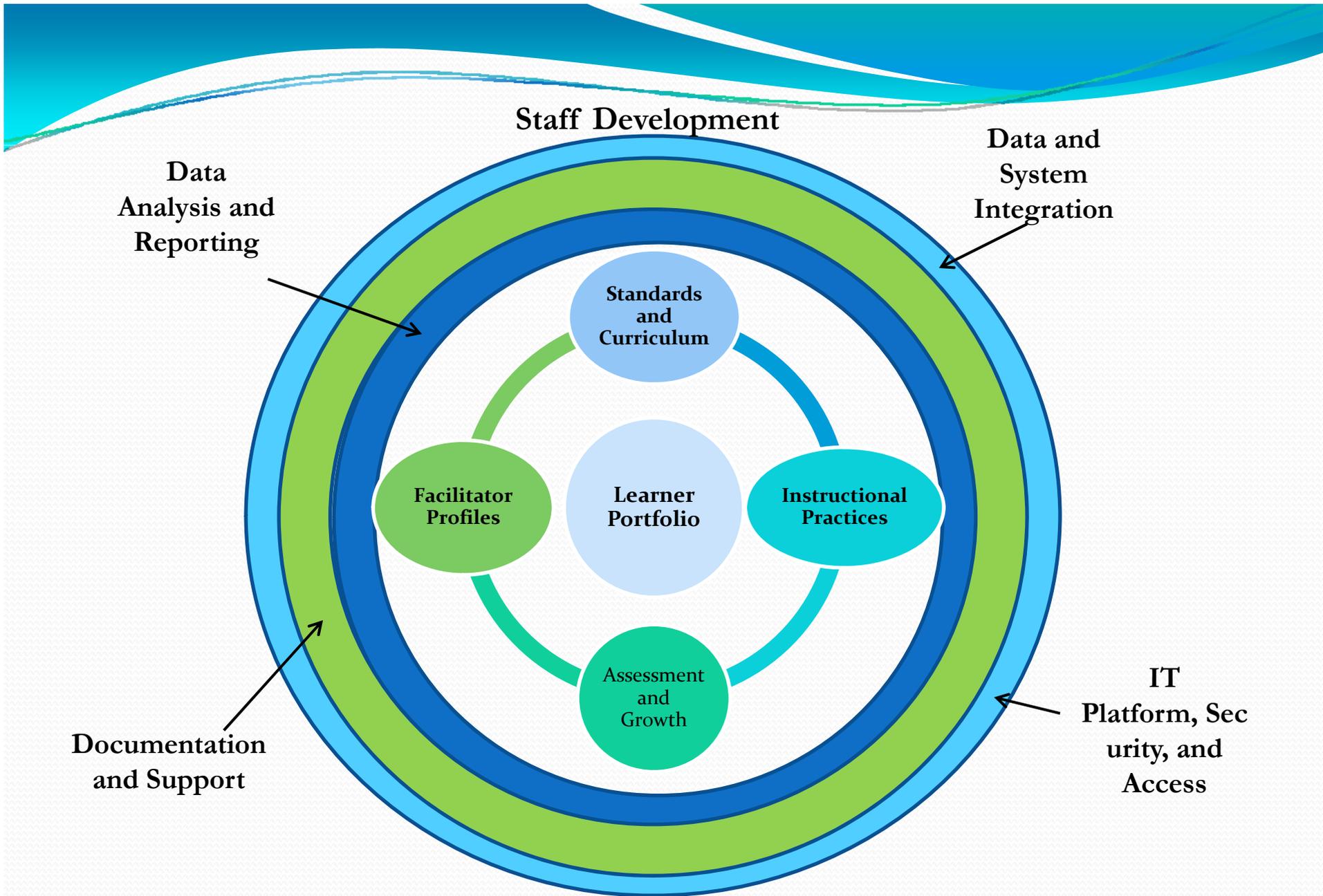
A continuation from December 4, 2012

Research, Assessment, Evaluation  
and School Improvement



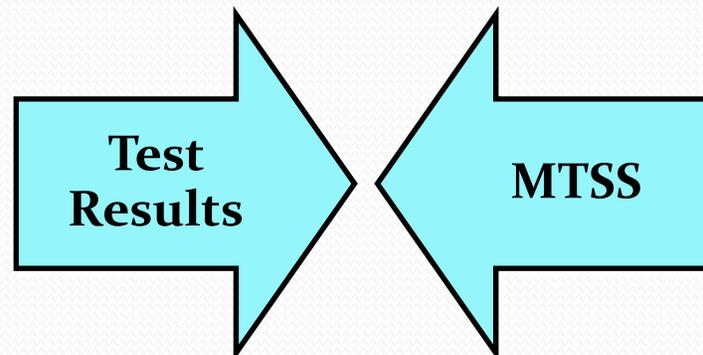
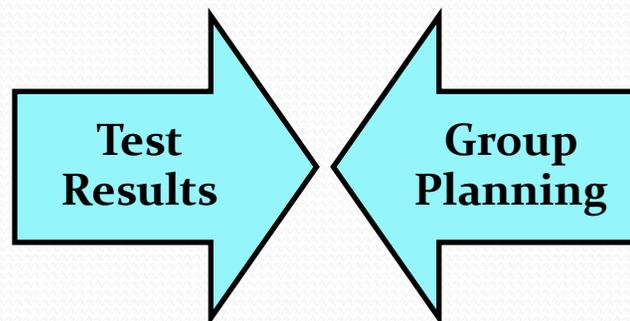
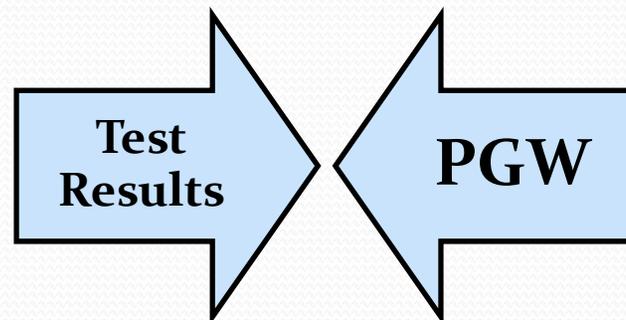
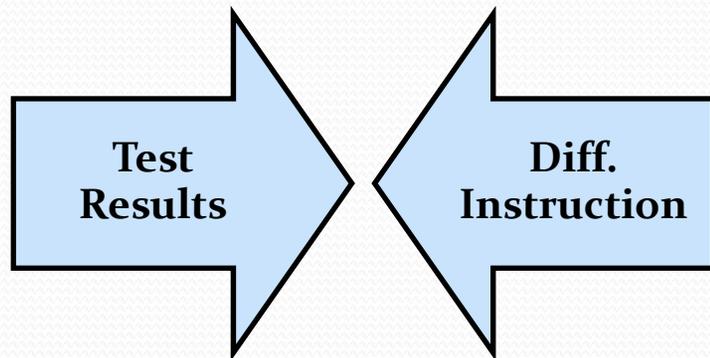
# **THE INTERCONNECTED INSTRUCTIONAL IMPROVEMENT SYSTEM**

- **Co-developed by SCPS and Thinkgate**
- **Teacher tool designed to improve instruction**
- **Link Curriculum / Assessment Data / Professional Development / Teacher Evaluation**
- **Funded through RTTT**



**Instructional Improvement System – Key Components**

# Connections Between Curriculum / Instruction and Student Data

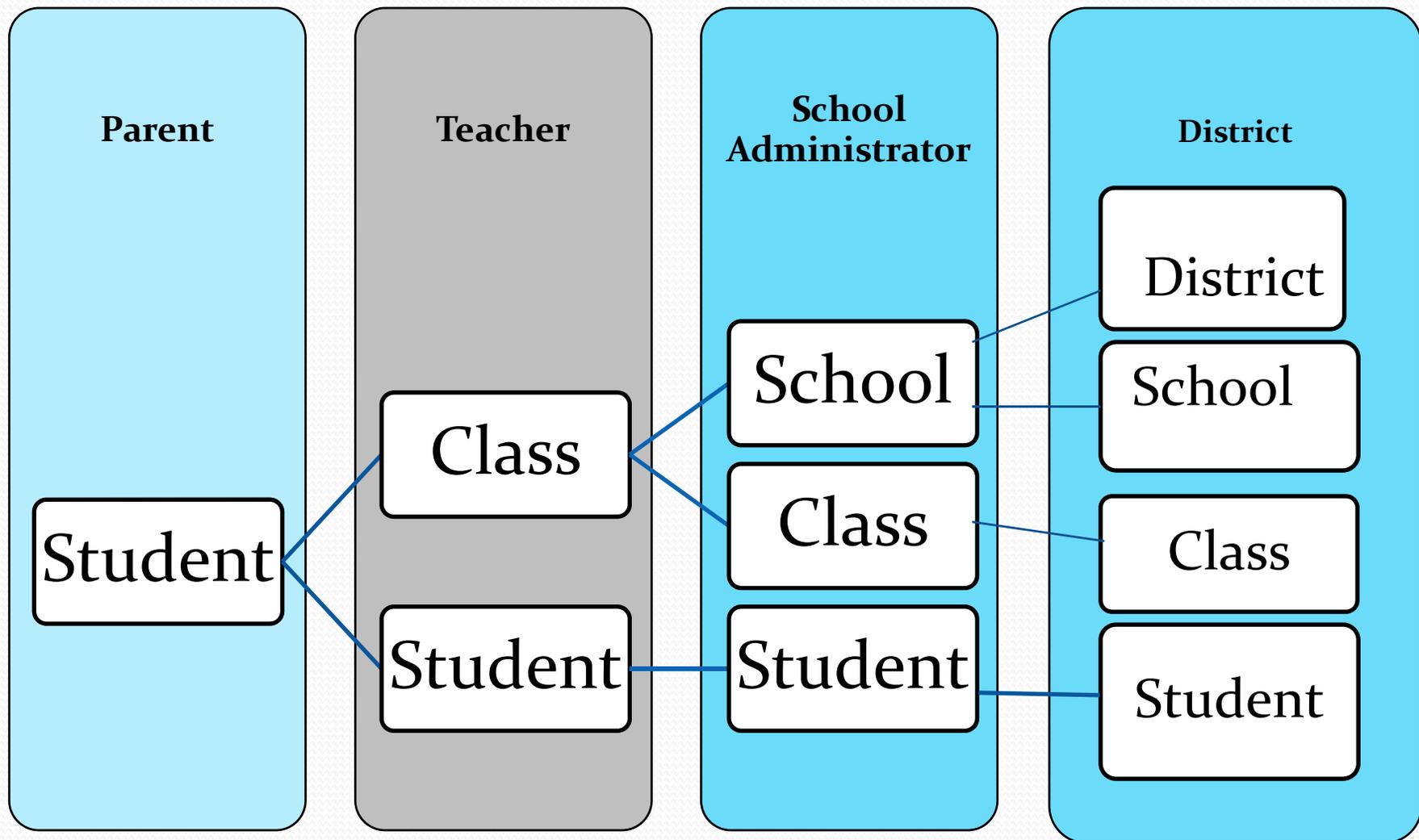




## **By design, the Instructional Improvement System includes features to identify and support At-Risk students**

- **Clear Identification of at-risk students by several academic and behavioral indicators**
- **State and Local Assessment Reports displaying current state and local assessment data differentiated by level of performance and at-risk categories**
- **Benchmark Reports designed to improve instruction for all students**
- **Early Warning Report based on key performance indicators**

# Instructional Improvement System – roles / views



# School View



[Profile](#) | [Instruction](#) | [Reporting](#) | [Evaluations](#)

Powered by:   
[Home](#) | [Account](#) | [Log Out](#)

< 1 2 >

**Identification**

Name: [REDACTED]

School ID: [REDACTED]

Abbreviation: ELEM

Phone: [REDACTED]

Type: Elementary

Cluster:

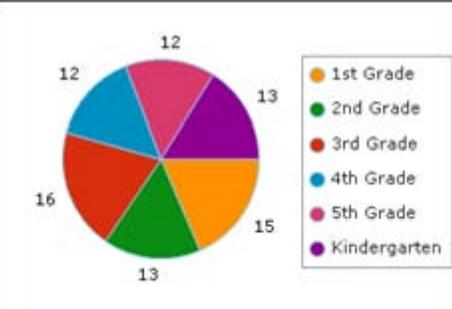
Students: 713

Teachers: 46

Classes: 382

Grades: K, 01, 02, 03, 04, 05

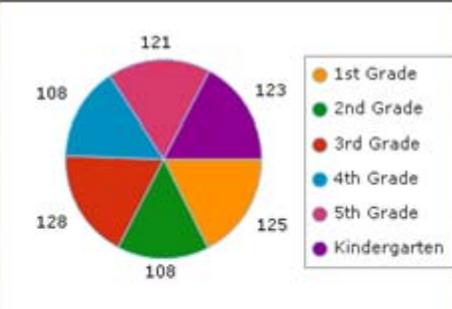
**Staff**



Grade	Count
1st Grade	15
2nd Grade	13
3rd Grade	16
4th Grade	12
5th Grade	12
Kindergarten	13

Summary
Search

**Students**



Grade	Count
1st Grade	125
2nd Grade	108
3rd Grade	128
4th Grade	108
5th Grade	121
Kindergarten	123

Summary
Search

**Staff Demographics**

**Previous Year Staff Demographics**

District: 2,860      School: 45

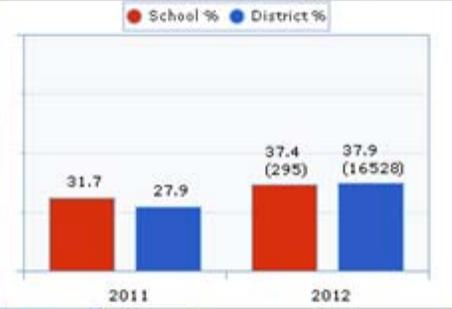


Category	School %	District %
% First Year Teachers	4.4	6.3
% 1-5 Years Experience	53.3	20.1
% 6-14 Years Experience	35.6	45.7
% 15+ Years Experience	6.7	27.9

Experience
Certifications
Endorsements

**Absences/Tardies (10+)**

● School %   ● District %

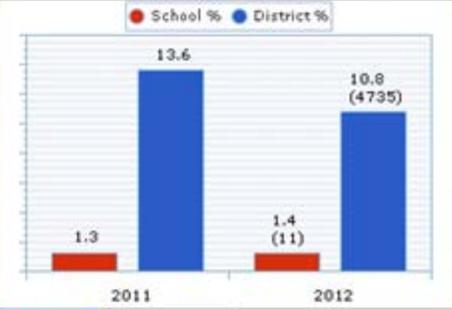


Year	School %	District %
2011	31.7	27.9
2012	37.4 (295)	37.9 (16528)

Absences
Tardies

**Suspension Rates**

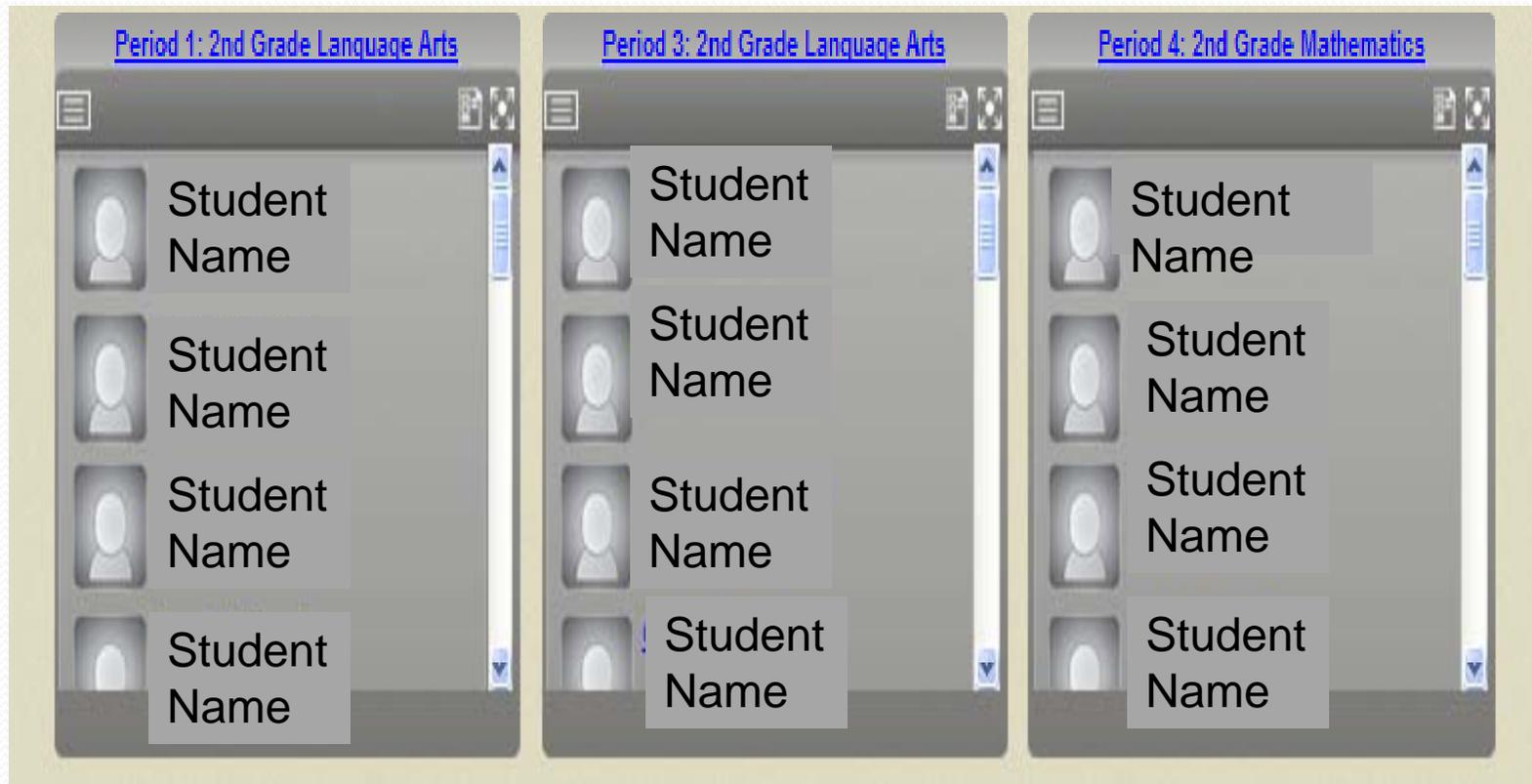
● School %   ● District %



Year	School %	District %
2011	1.3	13.6
2012	1.4 (11)	10.8 (4735)

In School
Out of School

# TEACHER VIEW



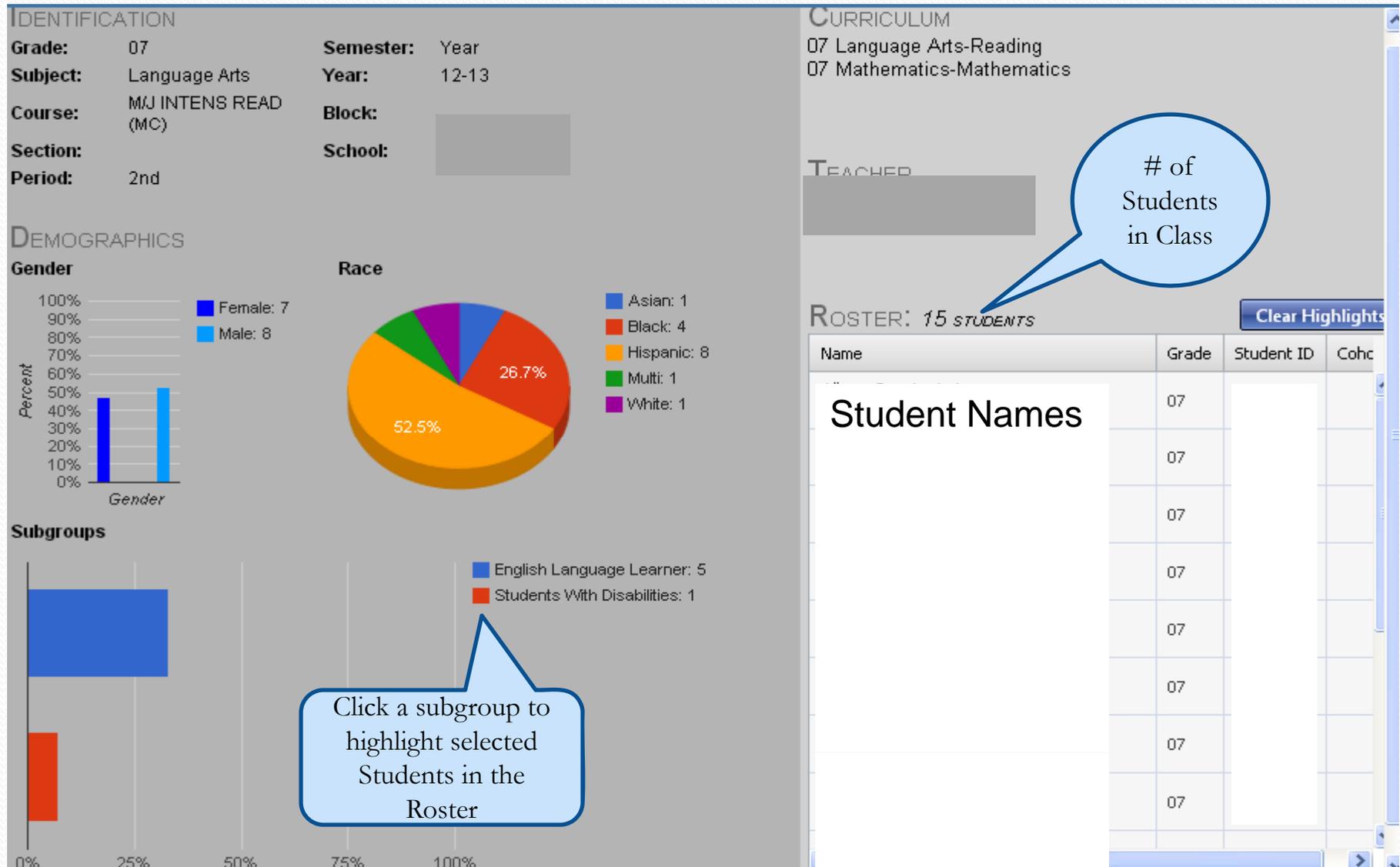
**All the Classes / periods assigned to the Teacher will appear**

## Period 1: 2nd Grade Language Arts

A screenshot of a classroom management software interface. The title bar at the top reads "Period 1: 2nd Grade Language Arts" in blue text. Below the title bar is a dark grey header area containing a menu icon (three horizontal lines) on the left and two document icons on the right. The main content area is a list of student profiles. Each profile consists of a circular placeholder for a student's photo on the left and a grey rectangular box containing the text "Student Name" on the right. There are four such entries visible. On the right side of the main content area, there is a vertical sidebar with several icons, including a blue arrow pointing up and a blue arrow pointing down. At the bottom right of the main content area, there is a small blue icon of a bird or eagle.

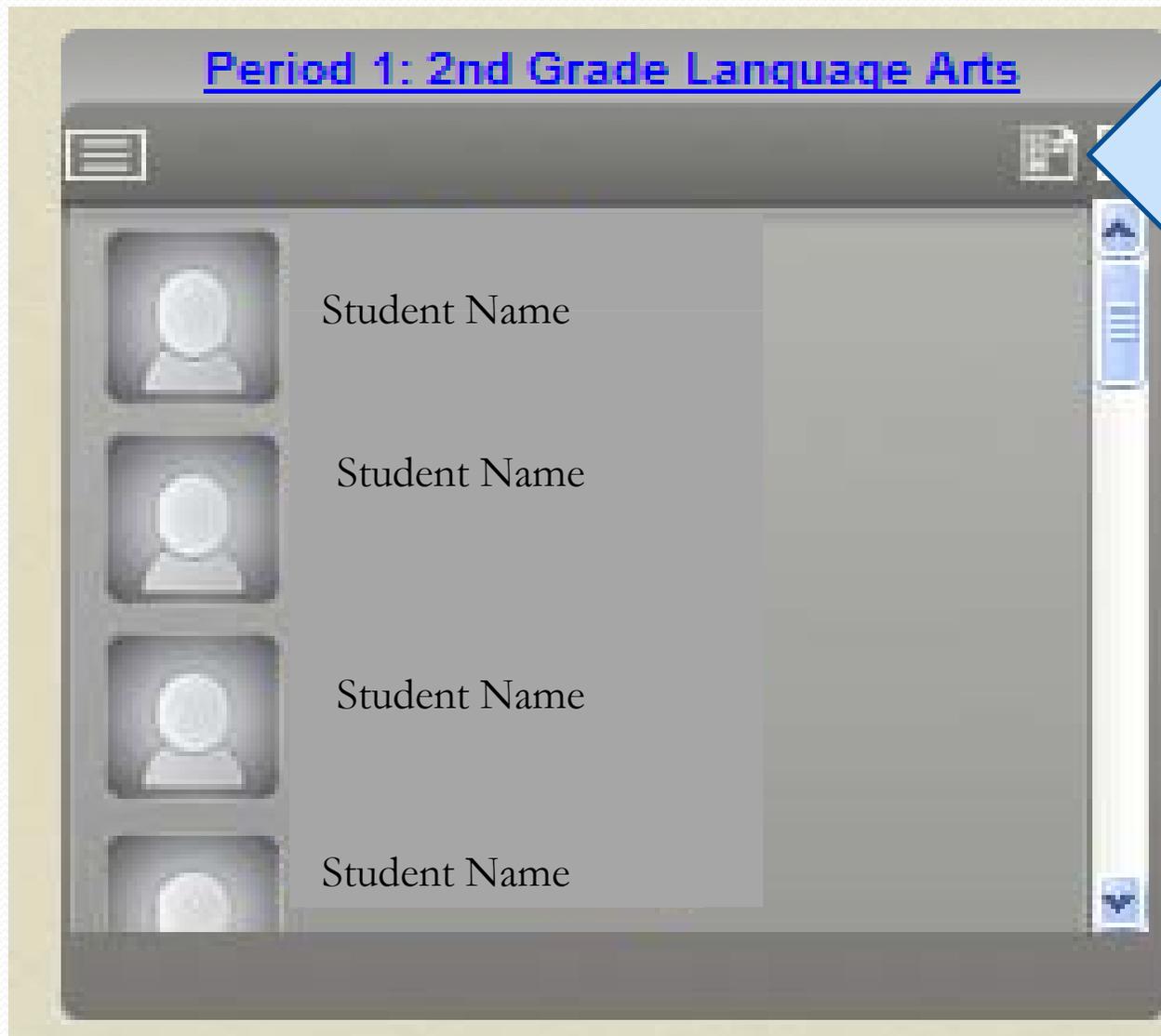
Click Here to  
Access Class  
Detail

# Expanded Class View for a Teacher



The expanded class view will give additional detail on the class selected

# ACCESSING STATE ASSESSMENT RESULTS



Click Here to  
Access Assessments  
for this Class

**Current students  
prior year 2011-12  
FCAT/EOC Data  
- For the selected  
class**

# State Assessment Results – FCAT and EOC

Click Here to Access  
FCAT And EOC  
Data for this Class

**RESULTS FOR EACH STUDENT ON THE  
2011-2012 FCAT and EOC ARE AVAILABLE**

**COLOR CODED BASED ON PERFORMANCE**

**AT- RISK STUDENTS ARE IMMEDIATELY  
IDENTIFYABLE**

District Results

State Results

**Actions**

- ▶ Print
- ▶ Excel

FCAT2-03LA (Scale):	Level 1(>=140 <182)	Level 2(>=182 <198)	Level 3(>=198 <210)	Level 4(>=210 <227)	Level 5(>=227 <261)
FCAT2-03MA (Scale):	Level 1(>=140 <183)	Level 2(>=183 <198)	Level 3(>=198 <214)	Level 4(>=214 <229)	Level 5(>=229 <261)

Current Year   
  Prior Year   
  To hide or show performance level colors, click here.

# STATE ASSESSMENT RESULTS –FCAT and EOC

The screenshot shows a software interface for viewing state assessment results. At the top, there are tabs for 'District Results' and 'State Results'. Below these are 'Actions' for 'Print' and 'Excel'. A legend defines five achievement levels for FCAT based on score ranges, color-coded from red (Level 1) to green (Level 5). Below the legend are radio buttons for 'Current Year' and 'Prior Year', and a checked checkbox for 'To hide or show performance level colors, click here.' The main data is presented in a table with columns for 'Name', '06LAR-FCAT 2.0', and '06MAM-FCAT 2.0'. The scores in the table are color-coded according to the legend. A large 'Student Names' label is overlaid on the left side of the table.

Name	06LAR-FCAT 2.0	06MAM-FCAT 2.0
	230.00	237.00
	211.00	203.00
	214.00	215.00
	233.00	248.00
	223.00	224.00
	230.00	248.00
	226.00	232.00
	247.00	242.00
	235.00	228.00
	239.00	257.00
	257.00	284.00
	252.00	252.00
	223.00	228.00
	233.00	226.00
	235.00	227.00

The color coded scale indicates achievement levels for the FCAT assessment.

Color Indicates the PY FCAT Performance Level of each student currently in the teacher's class. At-Risk students in the tested areas are identified

Teacher can toggle between FCAT results and local benchmark assessment results

Results can be printed and/or exported to share with parents or other teachers

# Benchmark Assessment Results

Toggle back to FCAT Results

District Results | State Results

- Actions -  
 ▶ Print  
 ▶ Excel

DistrictDefault(Percent):  
 At Risk(<40%) | Below Basic(>=40% <55%) | Basic(>=55% <70%) | Above Basic(>=70% <90%) | Skilled(>=90%)

Current Year |  Prior Year |  To hide or show performance level colors, click here.

Name	07MAM-BMK1	9_12MA-BMK1	07SCSC-BMK1
Student Names	66.67%		20.00%
	22.22%		33.33%
	55.56%		13.33%
	50.00%		66.67%
	44.44%		60.00%
	55.56%		46.67%
	61.11%		46.67%
	72.22%		80.00%
	77.78%		26.67%
	44.44%		40.00%
	77.78%		46.67%
	100.00%		73.33%
	77.78%	90.00%	73.33%
	83.33%		66.67%
	77.78%		33.33%
	61.11%		53.33%
	94.44%		86.67%
	38.89%		66.67%
	83.33%		33.33%
	100.00%		73.33%

The color coded scale indicates performance levels for the benchmark tests.

Results can be printed and / or exported to share with parents or other teachers

Color Indicates the Current Benchmark Performance Level of each student currently in the teacher's class. At-Risk students in the tested areas are identified



# Instructional Improvement System Reports

The Reports support the instruction of At-Risk Students

- **Benchmark: At - Risk Report**
- **Benchmark: Progress Report**
- **Early Warning High - Risk Report**

# Benchmark: AT - RISK Reports

Students are included on an At-Risk Report when their performance on a standard falls within the At-Risk or Below Basic category for the specific test.

# Benchmark Result Reports – Detailed Reports on the Teacher, Class, and Student Levels

The screenshot shows a web application window titled "Results Analysis". On the left is a sidebar with search filters: "Search" and "Clear" buttons, and dropdown menus for "Grade:\*", "Subject:", "Curriculum:\*", "Term:", "Category:", "Type:", "Year:", and "Demographics:". There are also checkboxes for "District", "All", and "12-13". The main content area is currently empty, displaying a message: "Please select criteria (Curriculum and grade are required fields)". Two callout boxes with arrows point to the "Grade" and "Curriculum" dropdowns, with labels "Select Grade" and "Select Curriculum (Subject)" respectively. Below the "Curriculum" dropdown, the text "{Mathematics or Science}" is visible.

Results Analysis

Search Clear

Grade:\*

Subject:

Curriculum:\*

Term:

Category:

District

Type:

All

Year:

12-13

Demographics:

Select Grade

Select Curriculum (Subject)

{Mathematics or Science}

Please select criteria  
(Curriculum and grade are required fields)

# Benchmark Result Reports

The results are available at the district, school, teacher, class and student levels for comparison. Teachers can view their own classes and students. Administrators can view all teachers, classes and students for their school.

**Results Analysis**

Search Clear

Grade:\*  
 04

Subject:  
 Mathematics

Curriculum:.\*  
 Mathematics

Term:  
 District

Category:  
 All

Type:  
 12-13

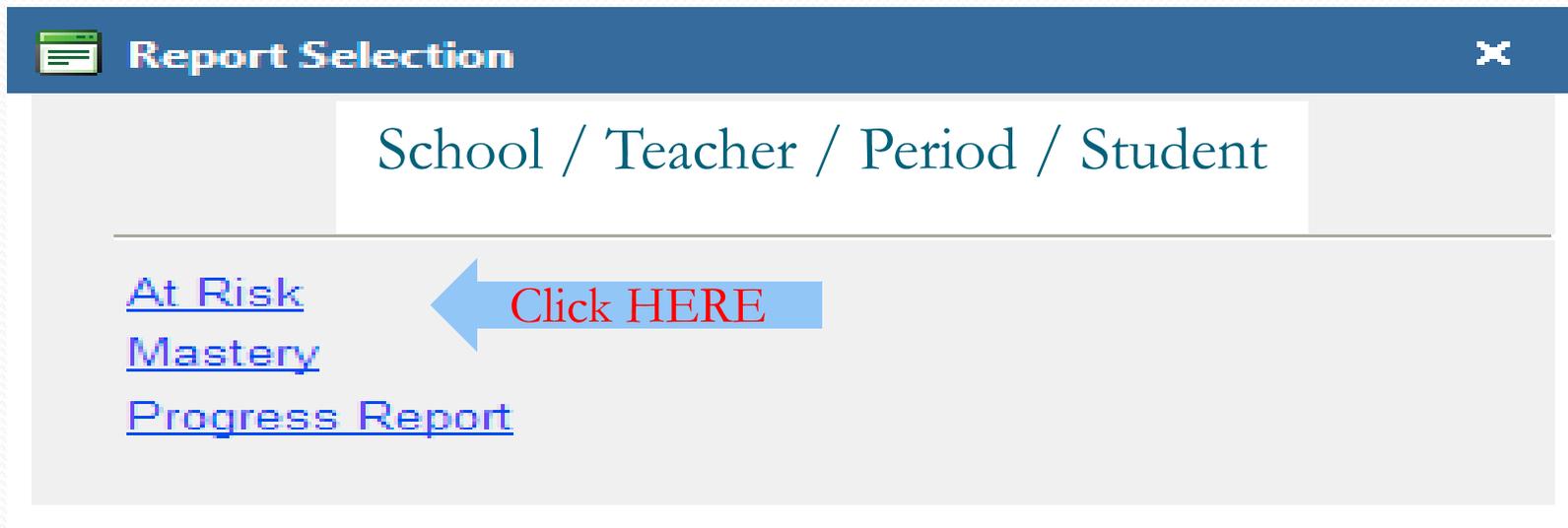
Demographics:

DistrictDefault (Percent):

At Risk (<40%)	Below Basic(>=40% <55%)	Basic(>=55% <70%)	Above Basic(>=70% <90%)	Skilled (>=90%)
----------------	-------------------------	-------------------	-------------------------	-----------------

To hide or show performance level colors, click here.  To hide or show unlocked columns, click here.

Name	04MAM-BMK1 as of 10/12/2012
<b>DISTRICT</b>	74.63%
<b>SCHOOL</b>	80.21%
<b>TEACHER</b>	80.16%
Period 1 Year	80.16%
Period 2 Year	80.16%
Period 3 Year	80.16%
Period 4 Year	80.46%
Period 5 Year	83.44%
Period 7 Year	80.16%
Period 8 Year	80.16%
Period 9 Year	80.16%
<b>TEACHERS</b>	78.76%
<b>TEACHERS</b>	86.34%
<b>TEACHERS</b>	58.33%
<b>TEACHERS</b>	78.76%
<b>TEACHERS</b>	80.36%
<b>TEACHERS</b>	70.00%
<b>TEACHERS</b>	82.79%
<b>TEACHERS</b>	77.14%



From the overall benchmark window, one can ‘drill-down’ to other detailed reports on specific categories of students.

The ‘Report Selection’ window will pop-up (the list of reports available will depend on your choice).

Click the ‘At-Risk’ link to access the At-Risk Report.



## At – Risk Report Views:

- **Standards by Student – View at-risk performance on specific standards, by student, highlighting each student’s performance below expectations.**
- **Students by Standards – View the standards assessed and which students did not meet expectations on each standard.**
- **Subgroups by Standards – View below expectation performance standards by demographic subgroups.**

# At-Risk Report View – Standards by Student

Standards of Concern indicate student performance below expectation on assessed standards. For detailed information on the standard, click the red label (i.e. NGSSS.04.MA.MA.4.A.6.1).

The screenshot shows the ELEMENTS™ interface. On the left is a sidebar menu with sections: Actions (Word, Print), View (Standards by Student, Standards by Test, Student, Students by Standard, Subgroups by Standard), and With Page Break (Standards by Student, Standards by Test, Student). The 'Standards by Student' option is highlighted in green. A blue arrow labeled 'CLICK HERE' points to this option. The main content area displays a report titled 'At Risk Standards by Student' for 'School='. It lists three students:

- Student
  - 1 Standards are of concern
    - NGSSS.04.MA.MA.4.A.6.1 : 45.45%  
Use and represent numbers through millions in various contexts, including estimation of relative sizes of amounts or distances.
- Student
  - 2 Standards are of concern
    - NGSSS.04.MA.MA.4.A.1.2 : 33.33%  
Multiply multi-digit whole numbers through four digits fluently, demonstrating understanding of the standard algorithm, and checking for reasonableness of results, including solving real-world problems.
    - NGSSS.04.MA.MA.4.A.6.1 : 40.91%  
Use and represent numbers through millions in various contexts, including estimation of relative sizes of amounts or distances.
- Student
  - Standards - no issues

Performance by standard is determined by the percentage of questions answered correctly by the student for that standard. To access the 'Test Summary' report, click the percent. Clicking on the blue number will access more detail in a 'Test Summary' breakdown of the standard.

# Test Summary

Student's overall score for this assessment

## STUDENT

○ Benchmark 04 Mathematics Term 1 2012-13 AP 1 Grade 4 Math Benchmark Assessment : 53.57%

■ **NGSSS.04.MA.MA.4.A.6.1** : 45.45%

Use and represent numbers through millions in various contexts, including estimation of relative sizes of amounts or distances.

- 1 ✗
- 2 ✓
- 3 ✓
- 4 ✓
- 5 ✗

Percentage of questions answered correctly by the student for the indicated standard.

Item numbers associated with this standard, listed with indication of whether the student answered the item correctly or not.

# At Risk View – Students by Standard

To view the **Students by Standard**, click on the link under ‘View’

**ELEMENTS™**

At Risk Students by Standard  
School Name

Actions

- Word
- Print

View

- Standards by Student
- Standards by Test, Student
- Students by Standard** ← Click Here
- Subgroups by Standard

With Page Break

- Standards by Student
- Standards by Test, Student

- Fourth Grade
  - Mathematics
    - **NGSSS.04.MA.MA.4.A.1.2: 72.22%**  
Multiply multi-digit whole numbers through four digits fluently, demonstrating understanding of the standard algorithm, and checking for reasonableness of results, including solving real-world problems.
      - 1 Students are of concern

Student Name	: 33.33%
--------------	----------
  - **NGSSS.04.MA.MA.4.A.6.1: 53.03%**  
Use and represent numbers through millions in various contexts, including estimation of relative sizes of amounts or distances.
    - 2 Students are of concern

Student Name	40.91%
	45.45%

Click on the red standard label for more detailed standard information.

Aggregated average of results for all students for the standard listed.

Each at risk student's performance for this standard is identified.

# At Risk View – Subgroups by Standard

To view the **Subgroups by Standard**, click on the link under ‘View’

At Risk Subgroups by Standard  
School=I

- Fourth Grade
  - Mathematics

Standard	Male	White	SWD
NGSSS.04.MA.MA.4.A.1.2			
NGSSS.04.MA.MA.4.A.6.1	53.03%	53.03%	53.03%

Indicates standards for which students are at risk. Click on the red standard label for more detailed standard information.

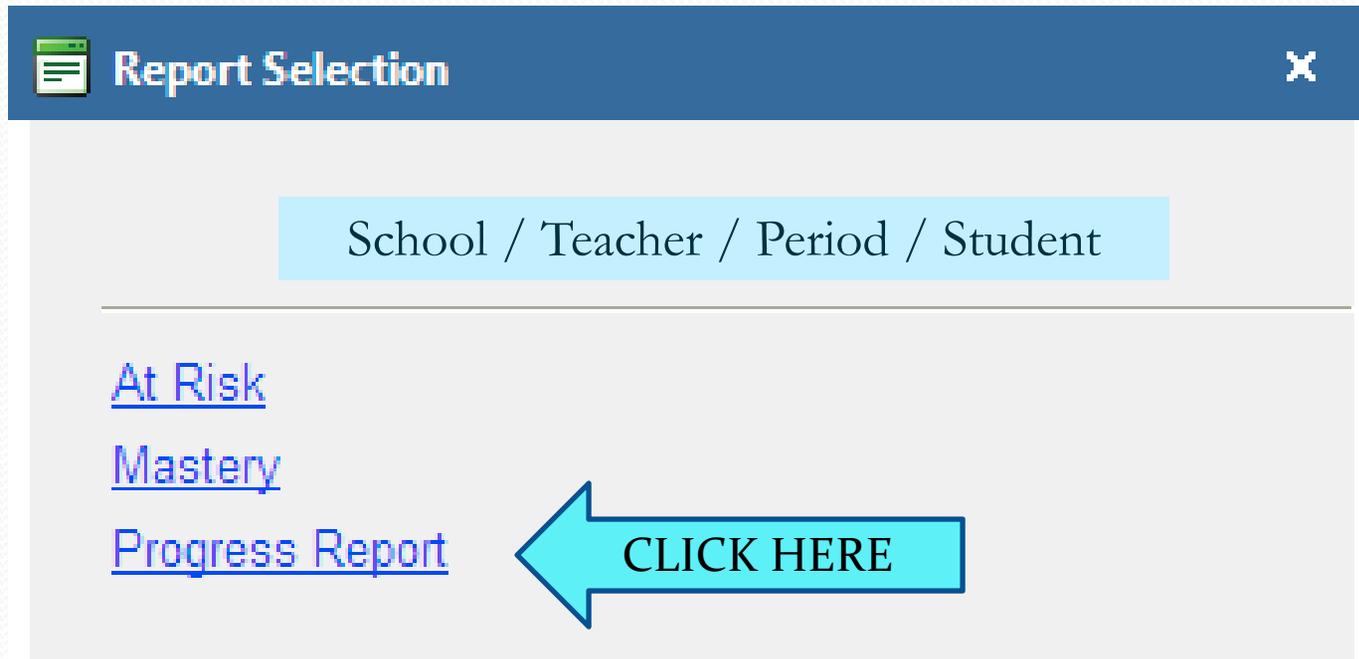
The sub-population’s aggregated percentage of correctly answered items related to this standard. To access the ‘Test Summary’ report, click the percent. The ‘Test Summary’ provides an overview of the student’s performance on each item associated with the indicated standard.

**NOTE:** The percentage is an average of all students in the subgroup. There may be students within these subgroups who are not considered at risk.

# Benchmark: Progress Report

The Progress Report displays overall results of assessments at several selected views

# Progress Report



**Report Selection** ✕

School / Teacher / Period / Student

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[At Risk](#)

[Mastery](#)

[Progress Report](#)

← **CLICK HERE**

The 'Report Selection' window will pop-up (the list of reports available will depend on your choice).

Click the 'Progress Report' link to access the Progress Report.



## Progress Report Views:

- **Standards by School, Teacher, Class and Student** – View student performance for different assessment periods or over time.
- **Student performance is disaggregated by performance level and color coded.**
- **Student performance is disaggregated by ELL and SWD students.**

# At-Risk View – by Demographics

To view the Demographic, click on the link under 'View'

- Actions —
- ▶ Excel
- ▶ Print
- View —
- ▶ School
- ▶ Teacher
- ▶ Class
- ▶ Student
- ▶ **Demographic**
- ▶ Standard

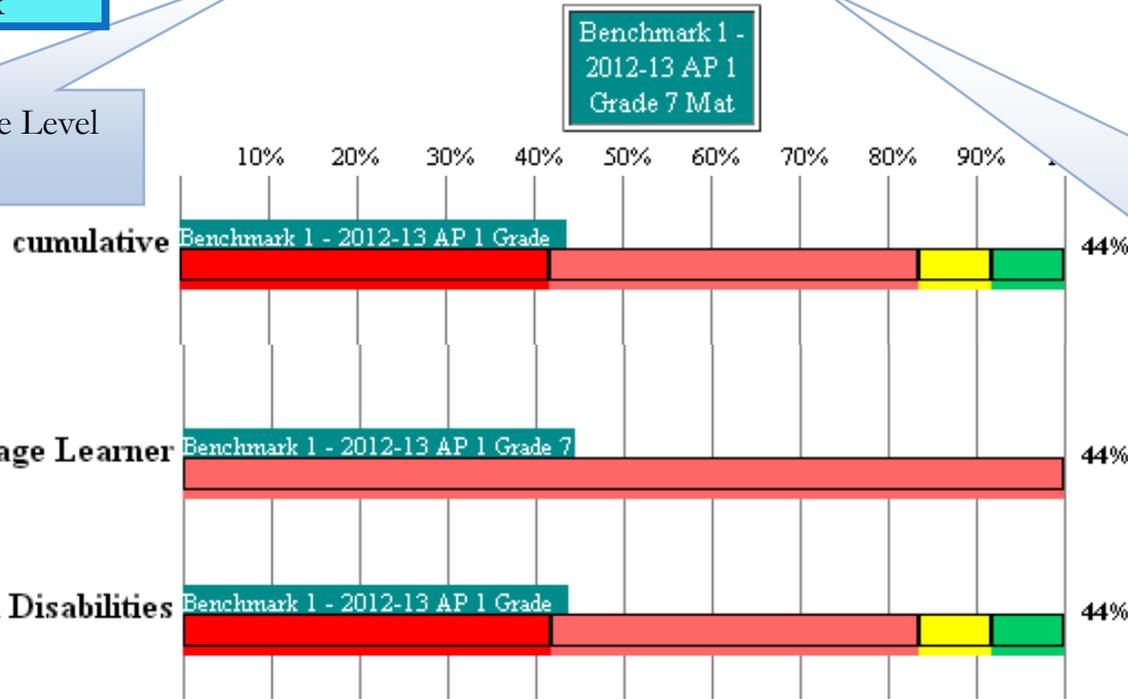


Progress Report (Demographics)		Sarasota County IIS	
Test	07 Mathematics Mathematics(12-13)	School	# Schools 1
Criteria	School=	Teacher	# Teachers 1
		Class	# Classes 2
		Student	# Students 12
		<input type="checkbox"/> Show Performance Level Key <input checked="" type="checkbox"/> Show Performance Level Distribution	

To view the Performance Level Key, click the check box

Subgroups' average scores on the chosen benchmark

To view the Performance Level Distribution, click the check box



## At-Risk View – by Demographics

Tabular view of bar graph above

Show Details

Assessment	Demographics	Avg Score	#Students
Benchmark 1 - 2012-13 AP 1 Grade 7 Mat	Cumulative	43.52%	12
Benchmark 1 - 2012-13 AP 1 Grade 7 Mat	Female	51.85%	3
Benchmark 1 - 2012-13 AP 1 Grade 7 Mat	Male	40.74%	9
Benchmark 1 - 2012-13 AP 1 Grade 7 Mat	Black	38.89%	5
Benchmark 1 - 2012-13 AP 1 Grade 7 Mat	Hispanic	47.78%	5
Benchmark 1 - 2012-13 AP 1 Grade 7 Mat	Multi	55.56%	1
Benchmark 1 - 2012-13 AP 1 Grade 7 Mat	White	33.33%	1
Benchmark 1 - 2012-13 AP 1 Grade 7 Mat	English Language Learner	44.44%	1
Benchmark 1 - 2012-13 AP 1 Grade 7 Mat	Students With Disabilities	43.52%	12

# Performance Level Distribution



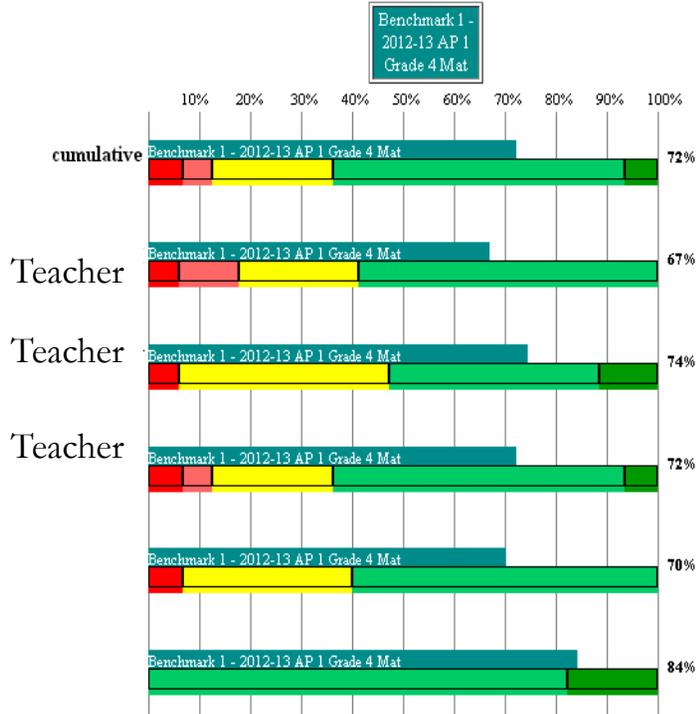
- Actions —
- ▶ Excel
- ▶ Print
- View —
- ▶ School
- ▶ **Teacher**
- ▶ Class
- ▶ Student
- ▶ Demographic
- ▶ Standard

To Print, click 'Print'  
To export report to Microsoft Excel, click 'Excel'

Range for each performance level is color coded

Average score for each Teacher by Class

Progress Report (Teachers)		Sarasota County IIS		
Test	04 Mathematics Mathematics(12-13)	School	# Schools	1
Criteria	School=	Teacher	# Teachers	13
		Class	# Classes	64
		Student	# Students	105
		<input type="checkbox"/> Show Performance Level Key <input checked="" type="checkbox"/> Show Performance Level Distribution		



# EARLY WARNING High Risk Reports

The Early Warning Report  
identifies students based on level  
of risk



## Early Warning Report

- Identify students early who demonstrate poor performance on specific key indicators which have been shown to correlate with At-Risk students.
- Reports will be available at the Elementary, Middle, and High School levels.
- Accessible at the district, school, grade, teacher, and student levels.



# Elementary & Middle School Early Warning Report

## ◎ *10 Key Indicators:*

- ◎ Retained risk
- ◎ FCAT Achievement level Reading 2012
- ◎ FCAT Achievement level Mathematics 2012
- ◎ Learning gain Reading 2012
- ◎ Learning gain Mathematics 2012
- ◎ Expected performance Reading 2012
- ◎ Expected performance Math 2012
- ◎ Attendance record
- ◎ Discipline record
- ◎ Demographic risk 2012

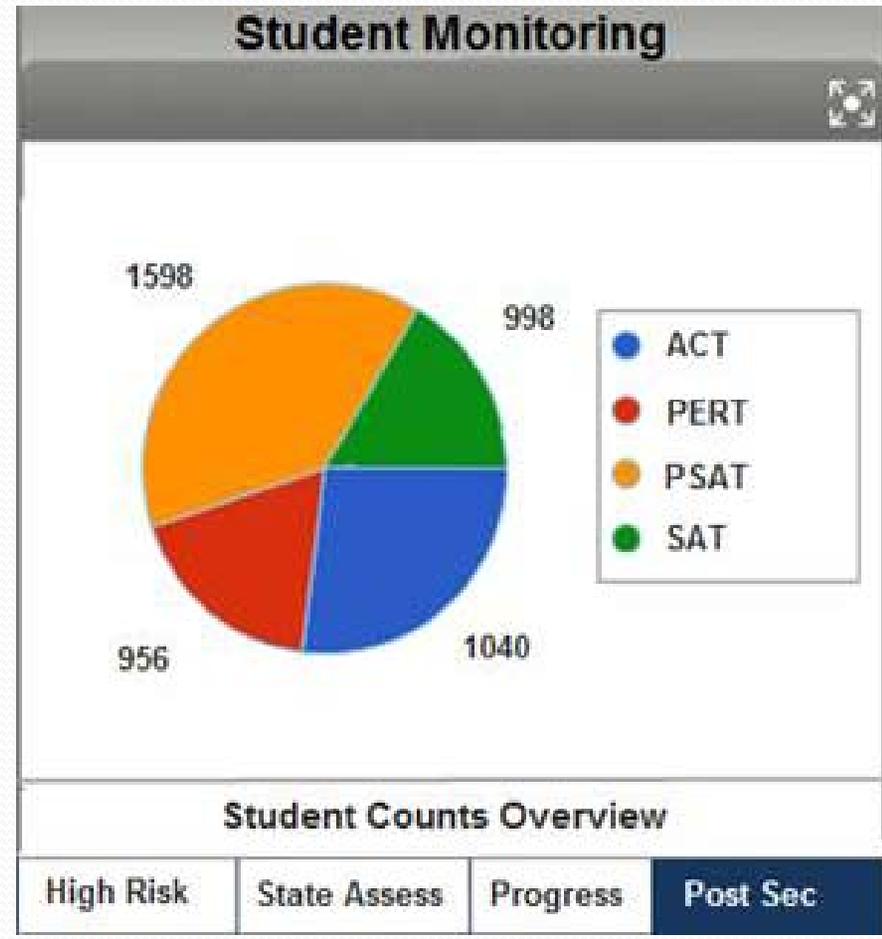
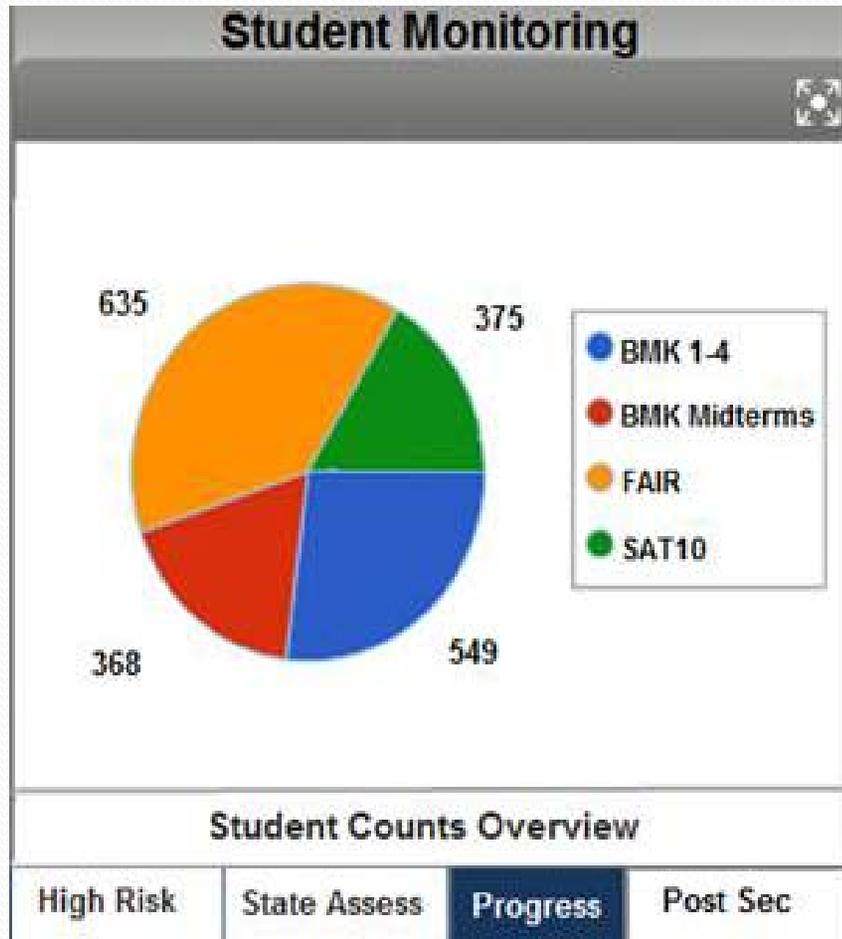


# High School Early Warning Report

- ***11 Key Indicators:***

- GPA
- FCAT Achievement level Reading 2012
- FCAT Achievement level Mathematics 2012
- Learning gain Reading 2012
- Learning gain Mathematics 2012
- Expected performance Reading 2012
- Expected performance Mathematics 2012
- At-Risk graduation
- Attendance record
- Discipline record
- Demographic risk

# Student Monitoring



# High Risk Report

High Risk	Moderate/High Risk	Moderate/Low Risk	Low Risk
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To hide or show student risk colors, click here.

Name	Grade	Overall Risk Level	GPA as of 8/11/12	Academic								Attendance Record as of 8/11/12	Discipline Record as of 8/11/12	
				DEMO Risk as of 8/11/12	FCAT Achievement Level-Math	FCAT Achievement Level-Reading	Learning Gain Math	Learning Gain Reading	Expected Performance Math	Expected Performance Reading	At Risk Graduation			Graduation Cohort
Fictional Student Names and Results	11	<a href="#">7</a>	2.50	ELL	1	2	Yes	Yes	Yes		Yes	2008	Yes	Yes
	11	<a href="#">4</a>	1.10	ESE	5	5	No	No	Yes	Yes		2008		
	11	<a href="#">8</a>	1.40	ELL	1	1	No	No			Yes	2008		
	11	<a href="#">5</a>	2.15	ELL/ESE	5	2	Yes	Yes				2008	Yes	
	11	<a href="#">3</a>	1.25	ESE	4	4	Yes	Yes	Yes	Yes		2008	Yes	
	11	<a href="#">5</a>	1.80		1	1	No	No	Yes	Yes		2007		
	11	<a href="#">1</a>	3.99		5	5	Yes	Yes	Yes	Yes		2008	Yes	
	11	<a href="#">5</a>	3.60		5	4	No	No	Yes	Yes	Yes	2008	Yes	Yes
	11	<a href="#">9</a>	1.20	ELL	1	1	No	No	Yes	Yes	Yes	2008	Yes	Yes
	11	<a href="#">3</a>	1.00	ELL	2	2	Yes	Yes	Yes	Yes		2008	Yes	
	11	<a href="#">10</a>	1.30	ELL	1	1	No	No				2008	Yes	Yes
	11	<a href="#">1</a>	2.90	ELL	3	4	Yes	Yes	Yes	Yes		2008		
	11	<a href="#">1</a>	2.50		4	1	Yes	Yes	Yes	Yes		2007		
	11	<a href="#">6</a>	1.00	ESE	5	2	Yes	No	Yes	Yes	Yes	2008	Yes	Yes

Risk Points for  
[1](#) - GPA  
[1](#) - Demographic  
[1](#) - LG% Reading  
[1](#) - At Risk Graduation  
[1](#) - Attendance  
[1](#) - Discipline

over type window displays when link in Overall Risk Level is clicked.

**QUESTIONS?**

