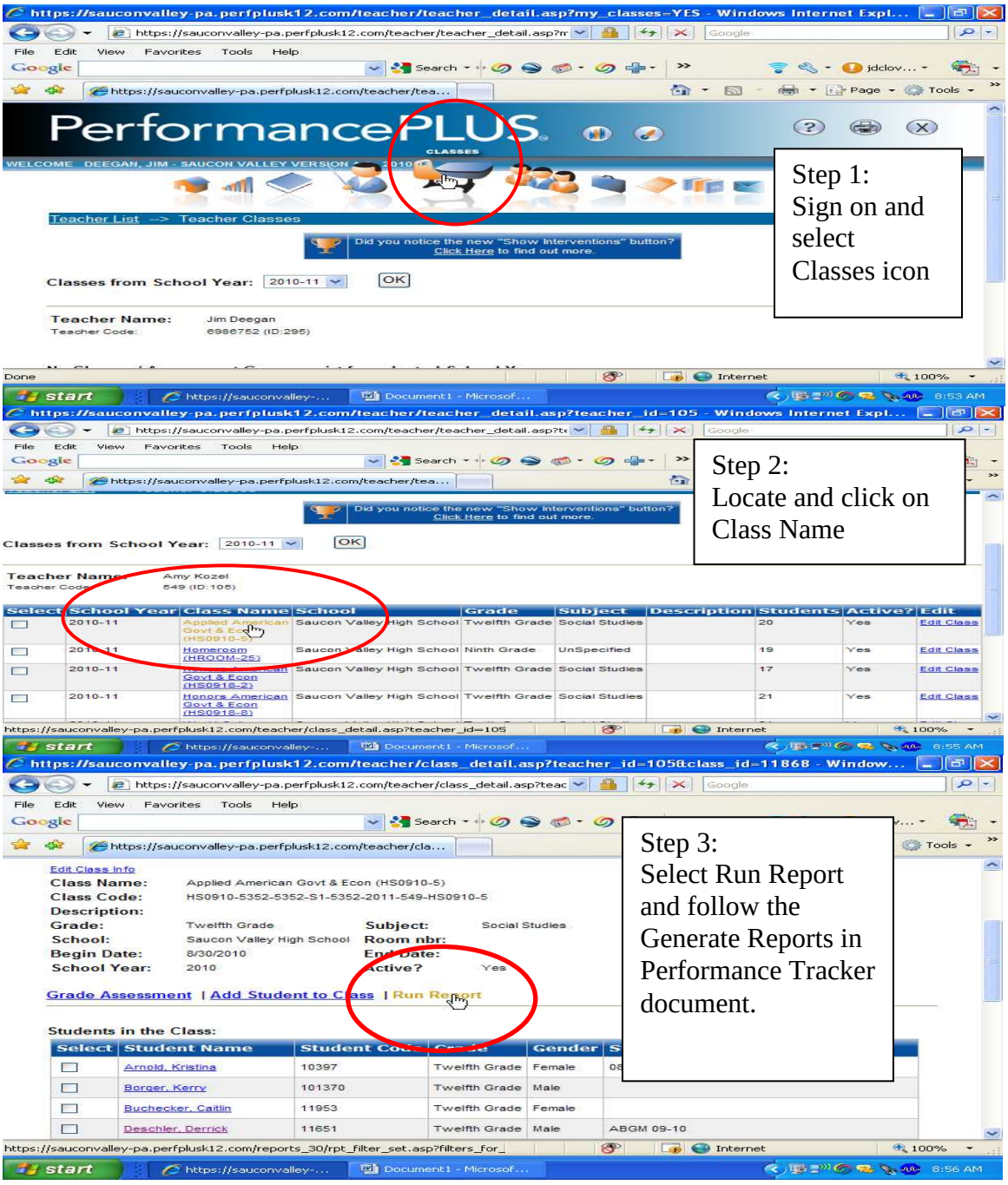
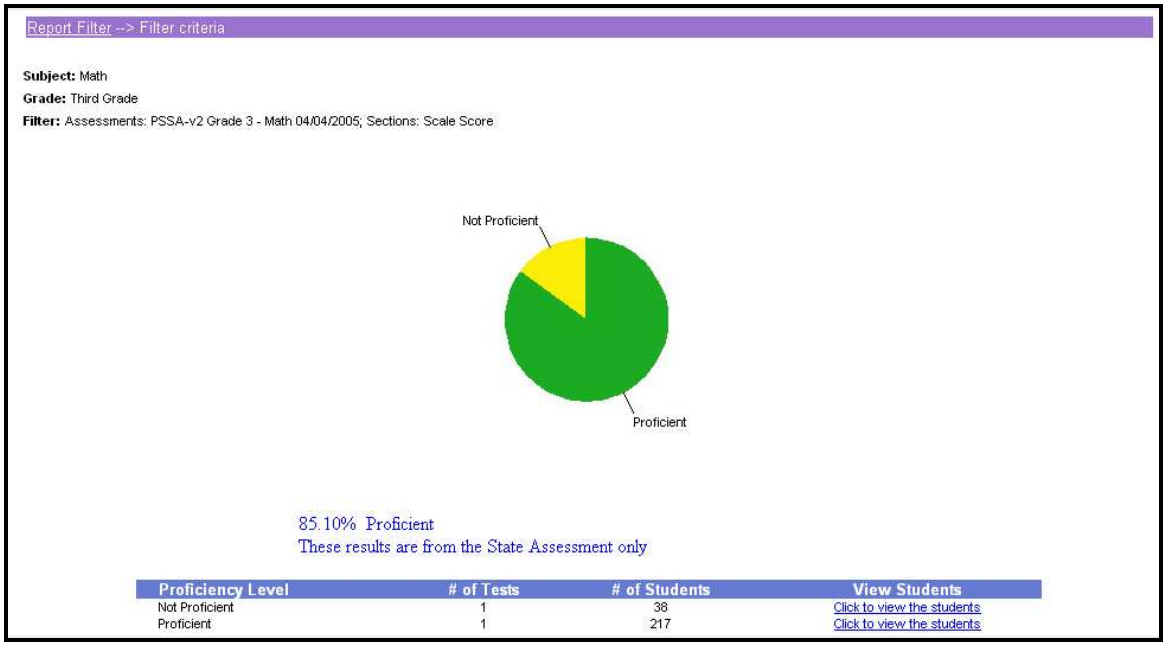
Performance Pathways Suite
of
Data Analysis Reporting Options

In reviewing this packet of reports, please remember they are only a small foundation of the reports possible within the Performance Pathways Suite. Users can tailor all reports with point and click options, easily including or excluding student groups (state mandated or district created) and filtering by building, teacher, class, grade, race, gender or individual student. In addition, many districts use the dynamic sub-grouping capability to address groups of students that represent any underlying characteristic such as tutoring, RTI Tier, attendance and/or transportation category as necessary. The narrative below each graphic will detail the report but also explain the sophisticated, layered drill down capability available in all graphical reports.
How to get to Reports page: https://sauconvalley-pa.perfplusk12.com/home.aspx Contact James.Colbert@svpanthers.org if you have forgotten User ID and Password

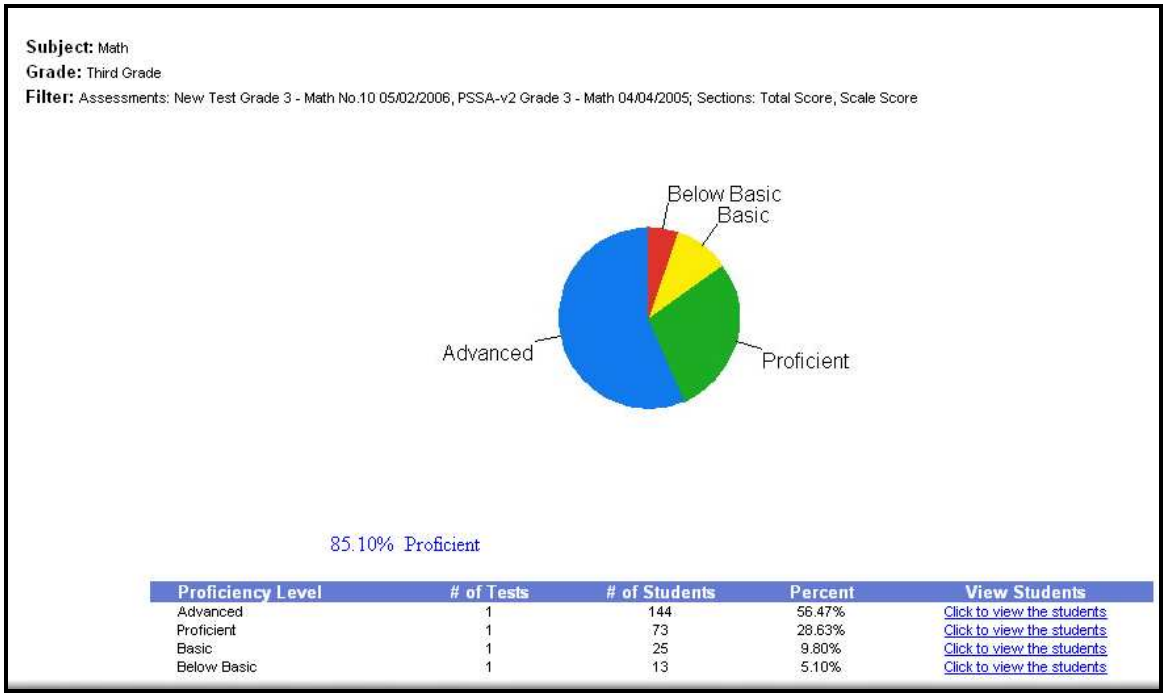


Proficient vs. Not Proficient – Pie Chart



- Displays proficient and not proficient students in a pie chart for a given assessment(s).
- Click on the colored slices of the pie to see a list of students that fall into that proficiency category.
- Click on a student's name to reach their individual student portfolio.

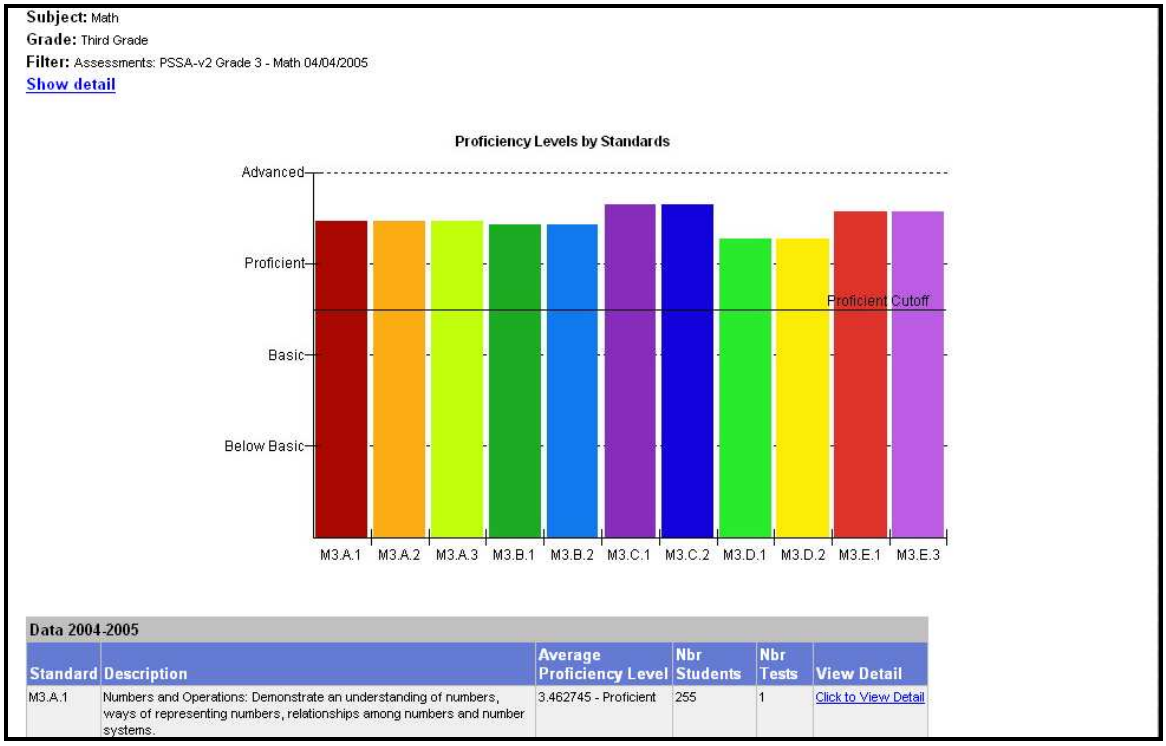
Proficiency Level – Pie Chart



Proficiency Level	# of Tests	# of Students	Percent	View Students
Advanced	1	144	56.47%	Click to view the students
Proficient	1	73	28.63%	Click to view the students
Basic	1	25	9.80%	Click to view the students
Below Basic	1	13	5.10%	Click to view the students

- Displays results using the same number of proficiency levels that your state assessment follows for a given assessment(s).
- Click on the colored slices of the pie to see a list of students that fall into that proficiency category.
- Click on a student's name to reach their individual student portfolio.

Standards – Level 1 Bar Chart

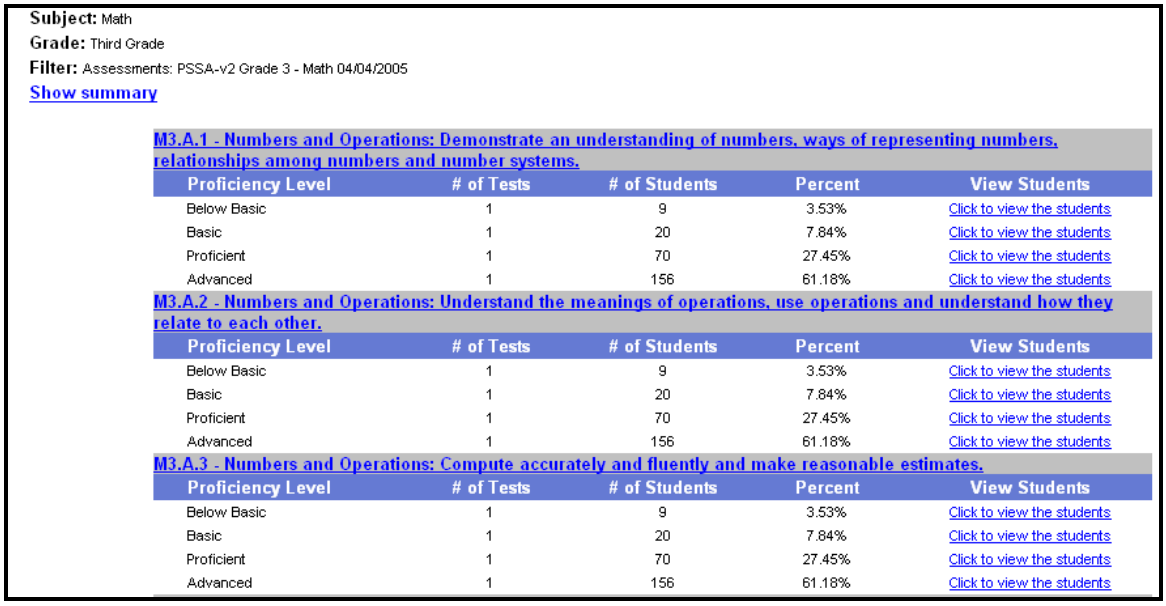


Data 2004-2005

Standard	Description	Average Proficiency Level	Nbr Students	Nbr Tests	View Detail
M3.A.1	Numbers and Operations: Demonstrate an understanding of numbers, ways of representing numbers, relationships among numbers and number systems.	3.462745 - Proficient	255	1	Click to View Detail

- Displays student achievement by standard/anchor.
- Click on a bar to see a pie chart for how the students performed on just that individual standard/anchor.
- Click on the colored slices of the pie to see a list of students that fall into that proficiency category.
- Below graph is a complete explanation of each standard/anchor with the average proficiency score.
- Click on a student's name to reach their individual student portfolio.

Standards – Level 1- Proficiency Detail



Subject: Math
Grade: Third Grade
Filter: Assessments: PSSA-v2 Grade 3 - Math 04/04/2005
Show summary

M3.A.1 - Numbers and Operations: Demonstrate an understanding of numbers, ways of representing numbers, relationships among numbers and number systems.

Proficiency Level	# of Tests	# of Students	Percent	View Students
Below Basic	1	9	3.53%	Click to view the students
Basic	1	20	7.84%	Click to view the students
Proficient	1	70	27.45%	Click to view the students
Advanced	1	156	61.18%	Click to view the students

M3.A.2 - Numbers and Operations: Understand the meanings of operations, use operations and understand how they relate to each other.

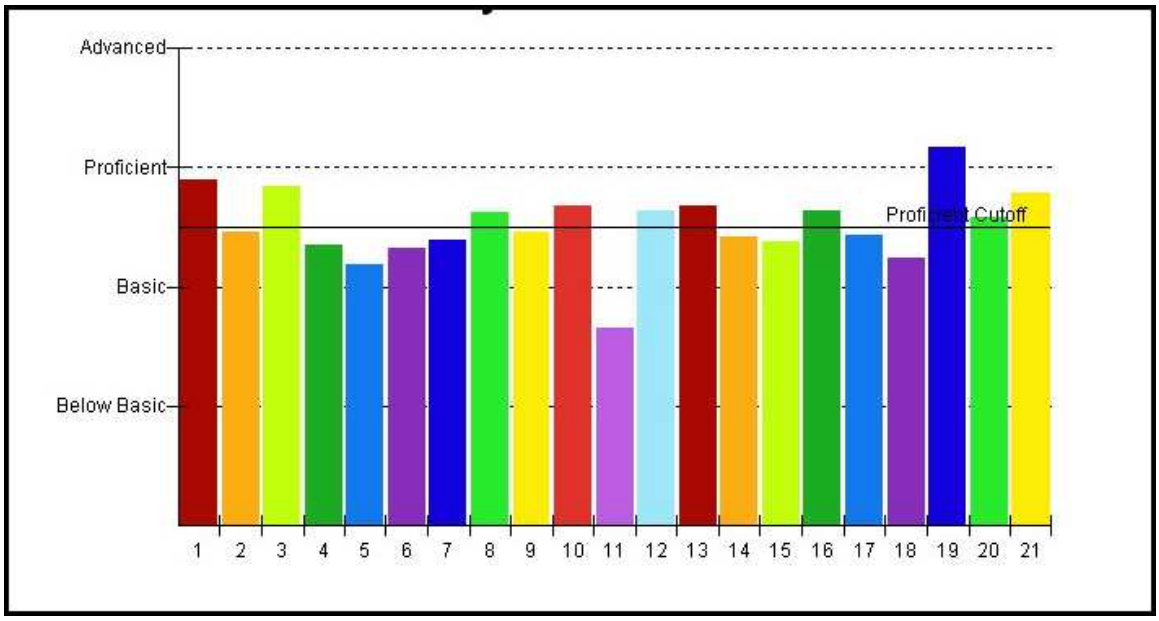
Proficiency Level	# of Tests	# of Students	Percent	View Students
Below Basic	1	9	3.53%	Click to view the students
Basic	1	20	7.84%	Click to view the students
Proficient	1	70	27.45%	Click to view the students
Advanced	1	156	61.18%	Click to view the students

M3.A.3 - Numbers and Operations: Compute accurately and fluently and make reasonable estimates.

Proficiency Level	# of Tests	# of Students	Percent	View Students
Below Basic	1	9	3.53%	Click to view the students
Basic	1	20	7.84%	Click to view the students
Proficient	1	70	27.45%	Click to view the students
Advanced	1	156	61.18%	Click to view the students

- Displays how students performed on a given standard in a table format.
- Click the individual standard/anchor to reach a pie chart that describes student performance on a particular standard/anchor.
- Click on any colored slices of the pie to see a list of students that fall into that proficiency category.
- Click to view students to see the list of students that fall into that proficiency category for that standard/anchor.
- Click on a student's name to reach his/her individual student portfolio.

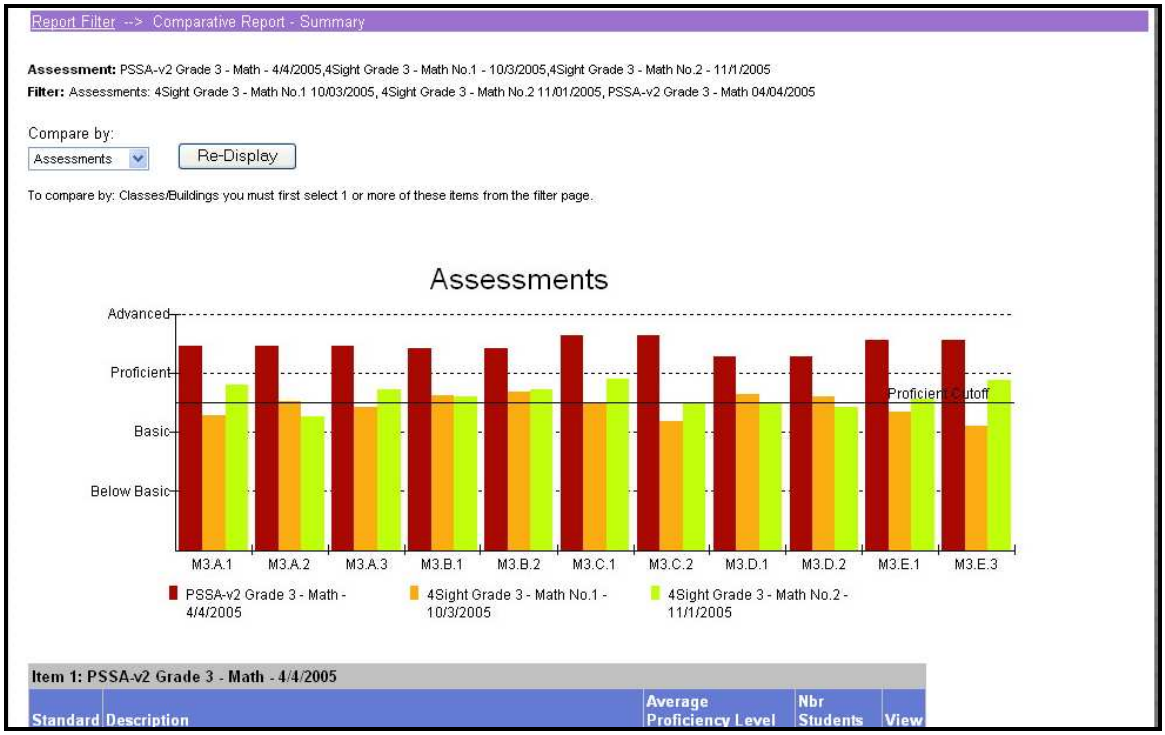
Standards - Level 2 – Bar Chart



Item#	Standard	Description	Proficiency Level	Nbr Students	Nbr Tests	View Detail
1	M6.A.1.1	Express numbers in equivalent forms.	2.886925 - Proficient	283	1	Click to View Detail
2	M6.A.1.2	Compare quantities and/or magnitudes of numbers.	2.459363 - Basic	283	1	Click to View Detail
3	M6.A.1.3-OLD	Use or develop models to represent percents. (For 2006-2007, this has become M6.A.1.4)	2.844522 - Proficient	283	1	Click to View Detail
4	M6.A.1.4-OLD	Apply number theory concepts (i.e., factors, multiples). (For 2006-2007, this has become M6.	2.349823 - Basic	283	1	Click to View Detail

Performance™ Pathways

Comparative Report – Standards

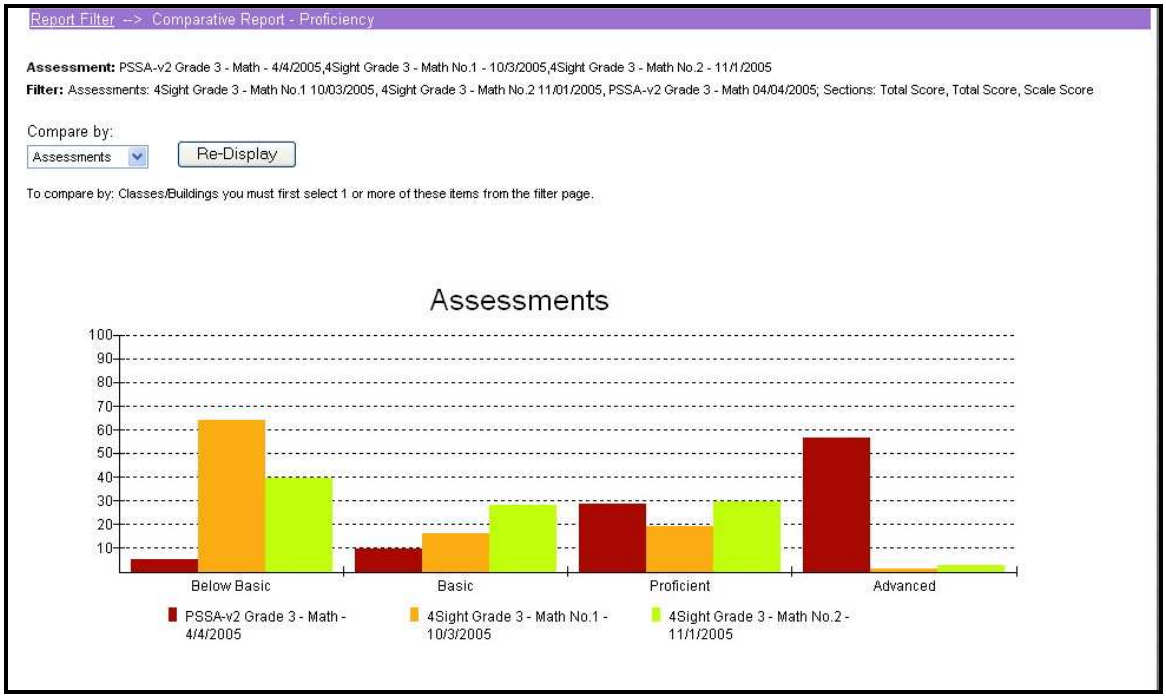


- Allows you to choose multiple assessments across multiple years to run on the same report.
- You can mix national, state, and local assessments.
- Click on any colored bar to drill down further on that individual standard for that particular assessment/year.
- Click on any colored slick of the pie to see a list of students that fall into that proficiency category.

Comparative Report – by Building, Class, Subgroup or Teacher

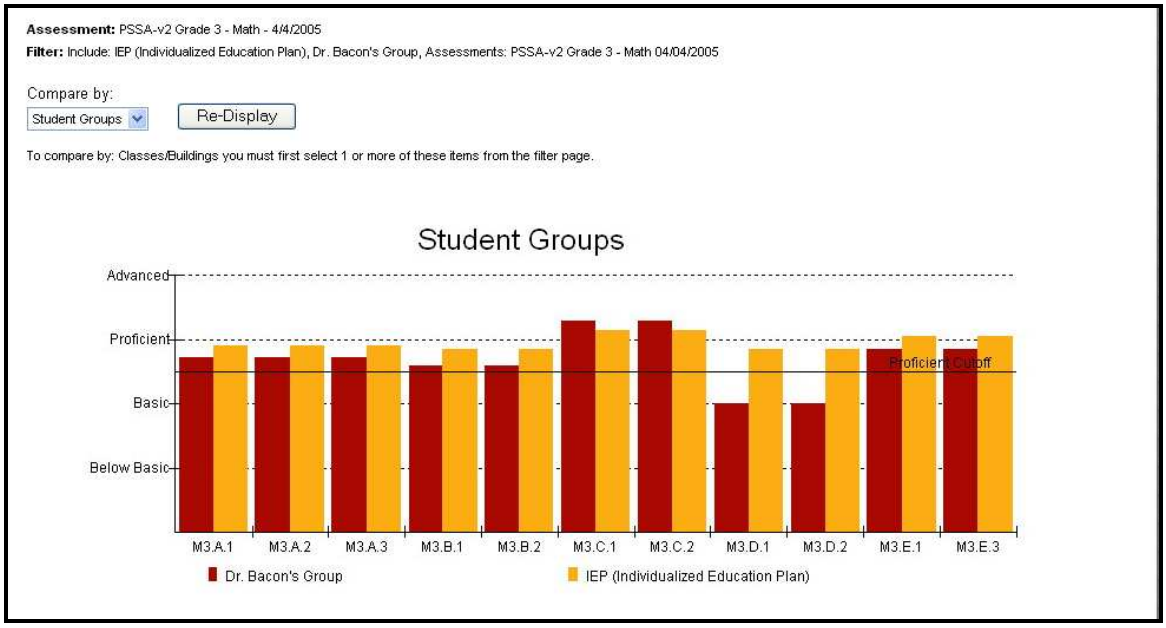
- Allows you to choose multiple buildings, teachers, subgroups or classes to run on the same report. Great analysis tool to compare individual classroom or building level performance.
- Click on any colored bar to drill down further on that individual standard for that particular building, class, subgroup or teacher.
- Click on any colored slick of the pie to see a list of students that fall into that proficiency category.

Comparative Report – Proficiency Levels



- Allows you to compare proficiency levels for groups of students on multiple assessments across multiple years.
- You can mix national, state, and local assessments.
- Click on any colored bar to drill down further on that individual standard for that particular assessment/year.
- Click on a particular student to reach their student portfolio.

Comparative Report – Proficiency Levels by Subgroups, Buildings, Classes or Teachers



- Allows you to compare proficiency levels for groups of students, buildings, classes, teachers.
- Click on any colored bar to drill down further on that individual standard for that particular assessment/year.
- Click on a particular student to reach their student portfolio.

Assessment Scores Report

Subject: Math
Grade: Eighth Grade
Filter: Assessments: Math - Grade 8 - Qtr 1 10/25/2005

Student Name	Student ID	Math - Grade 8 - Qtr 1-M8.A.2.1	PL	Math - Grade 8 - Qtr 1-M8.C.3.1 10/25/2005	PL	Math - Grade 8 - Qtr 1-M8.D.1.1	PL	Math - Grade 8 - Qtr 1-M8.D.2.1	PL	Math - Grade 8 - Qtr 1-M8.D.2.2	PL	Math - Grade 8 -	PL
Jason A ANDERSON	110049	4	Adv	4	Adv	4	Adv	4	Adv	3	Pro	19	Adv
Joshua A ATIENZA	110129	4	Adv	4	Adv	3	Pro	4	Adv	4	Adv	19	Adv
Hunter M Attig	110128	4	Adv	4	Adv	4	Adv	4	Adv	4	Adv	20	Adv
Rebecca S Bange	110048	4	Adv	4	Adv	4	Adv	4	Adv	4	Adv	20	Adv
Blaine M Bish	171743299	4	Adv	3	Pro	4	Adv	4	Adv	3	Pro	18	Adv
Tanner N Bowman	110120	4	Adv	4	Adv	4	Adv	4	Adv	4	Adv	20	Adv
Patrick H Brown	110163	4	Adv	4	Adv	4	Adv	4	Adv	4	Adv	20	Adv
Danica C Caldwell	178741816	4	Adv	4	Adv	4	Adv	4	Adv	4	Adv	20	Adv
Louisa J Colbert	190740490	4	Adv	4	Adv	2	Bas	4	Adv	2	Bas	16	Pro
Brooke L COSTELLA	186746492	4	Adv	3	Pro	4	Adv	3	Pro	4	Adv	18	Adv
Tori L Covert	110116	4	Adv	4	Adv	3	Pro	4	Adv	4	Adv	19	Adv
Zachary A DIEHL	110041	4	Adv	4	Adv	4	Adv	4	Adv	4	Adv	20	Adv
Claire M Duttera	110169	4	Adv	4	Adv	3	Pro	3	Pro	4	Adv	18	Adv
Wade D Edwards	110171	4	Adv	4	Adv	4	Adv	3	Pro	4	Adv	19	Adv
Christina L FERGUSON	110039	4	Adv	3	Pro	4	Adv	4	Adv	3	Pro	18	Adv
Blake M Fisch	110196	4	Adv	4	Adv	4	Adv	2	Bas	4	Adv	18	Adv
Andrea M Fricker	110186	2	Bas	3	Pro	4	Adv	4	Adv	3	Pro	16	Pro
Brandon J Fry	110034	4	Adv	3	Pro	4	Adv	2	Bas	4	Adv	17	Pro
Lukas K Geesey, II	110185	4	Adv	4	Adv	4	Adv	4	Adv	4	Adv	20	Adv
Kara M GEIMAN	110173	4	Adv	4	Adv	4	Adv	4	Adv	4	Adv	20	Adv

- Displays performance by section of the assessment with various sorting capabilities.
- Perfect report to run when you want to export information into another analysis tool such as SPSS.
- Reports will open in excel or CSV format.

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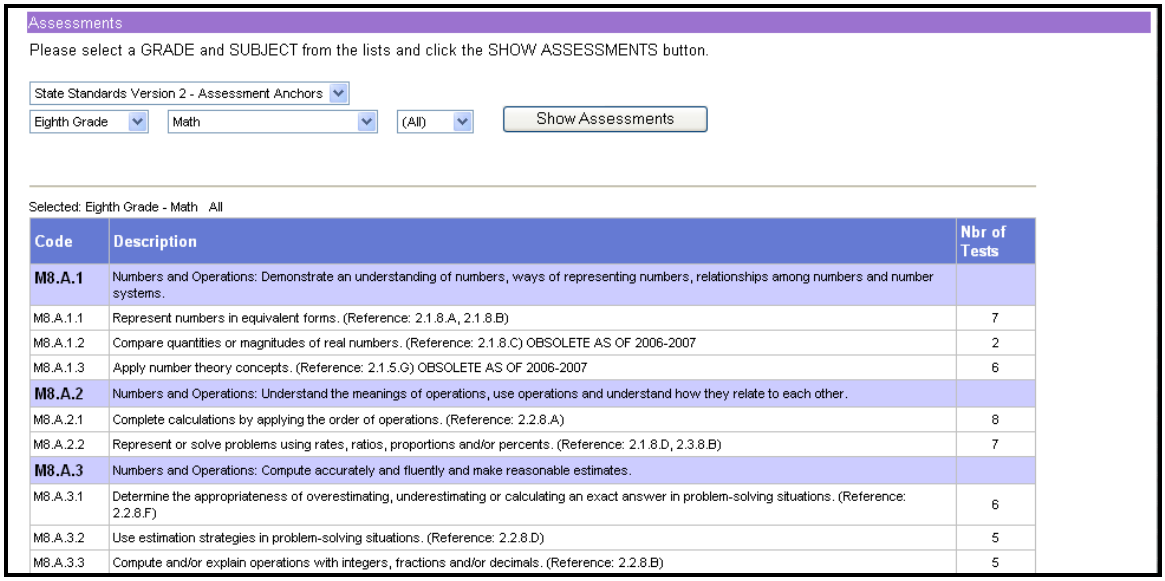
Standards Testing Frequency



Assessments

Please select a GRADE and SUBJECT from the lists and click the SHOW ASSESSMENTS button.

State Standards Version 2 - Assessment Anchors

Eighth Grade | Math | (All) | Show Assessments

Selected: Eighth Grade - Math All

Code	Description	Nbr of Tests
M8.A.1	Numbers and Operations: Demonstrate an understanding of numbers, ways of representing numbers, relationships among numbers and number systems.	
M8.A.1.1	Represent numbers in equivalent forms. (Reference: 2.1.8.A, 2.1.8.B)	7
M8.A.1.2	Compare quantities or magnitudes of real numbers. (Reference: 2.1.8.C) OBSOLETE AS OF 2006-2007	2
M8.A.1.3	Apply number theory concepts. (Reference: 2.1.5.G) OBSOLETE AS OF 2006-2007	6
M8.A.2	Numbers and Operations: Understand the meanings of operations, use operations and understand how they relate to each other.	
M8.A.2.1	Complete calculations by applying the order of operations. (Reference: 2.2.8.A)	8
M8.A.2.2	Represent or solve problems using rates, ratios, proportions and/or percents. (Reference: 2.1.8.D, 2.3.8.B)	7
M8.A.3	Numbers and Operations: Compute accurately and fluently and make reasonable estimates.	
M8.A.3.1	Determine the appropriateness of overestimating, underestimating or calculating an exact answer in problem-solving situations. (Reference: 2.2.8.F)	6
M8.A.3.2	Use estimation strategies in problem-solving situations. (Reference: 2.2.8.D)	5
M8.A.3.3	Compute and/or explain operations with integers, fractions and/or decimals. (Reference: 2.2.8.B)	5

- Displays the number of times a given standard has been aligned for a given subject, grade, and year.
- This does not show you the number of times a standard has been assessed.
- Great report for making sure all standards are covered in various assessment options.

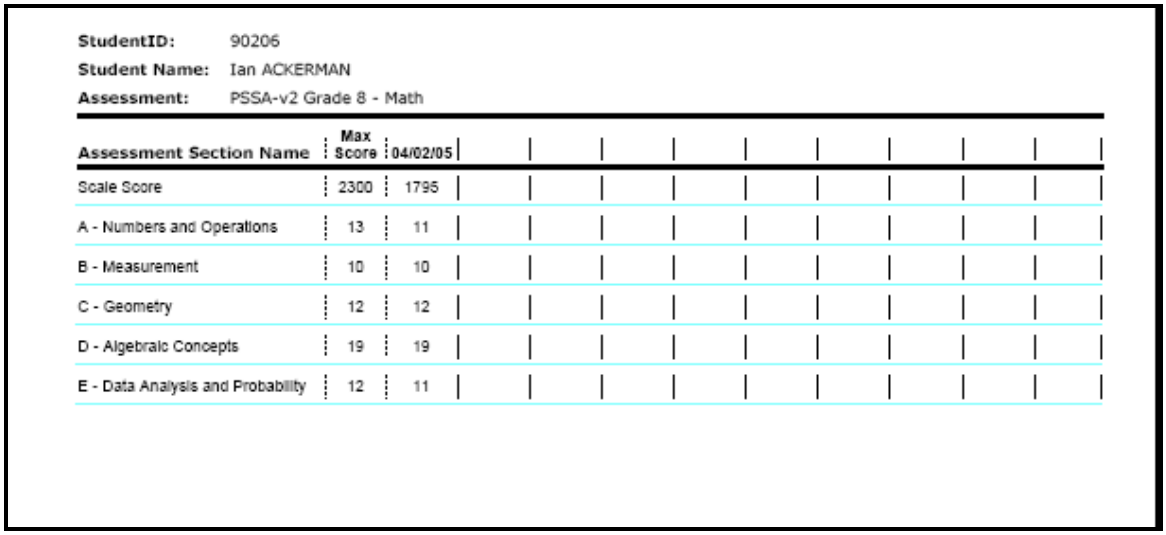
Mass Print Student Assessment Detail (PDF)

StudentID: 90206
Student Name: Ian ACKERMAN
Assessment: PSSA-v2 Grade 8 - Math 04/02/2005

Section - Instructional Content	Max Score	Original Score	Performance Level
Scale Score - Scale Score	2300	1795	Advanced
A - Numbers and Operations - Demonstrate an understanding of numbers, ways of representing numbers, relationships among numbers and number systems. Understand the meanings of operations, use operations and understand how they relate to each other. Compute accurately and fluently and make reasonable estimates.	13	11	Advanced
B - Measurement - Demonstrate an understanding of measurable attributes of objects and figures, and the units, systems and processes of measurement. Apply appropriate techniques, tools and formulas to determine measurements.	10	10	Advanced
C - Geometry - Analyze characteristics and properties of two- and three-dimensional geometric shapes and demonstrate understanding of geometric relationships. Identify and/or apply concepts of transformations or symmetry. Locate points or describe relationships using the coordinate plane.	12	12	Advanced
D - Algebraic Concepts - Demonstrate an understanding of patterns, relations and functions. Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Describe or use models to represent quantitative relationships.	19	19	Advanced
E - Data Analysis and Probability - Formulate or answer questions that can be addressed with data and/or organize, display, interpret or analyze data. Select and/or use appropriate statistical methods to analyze data. Understand and/or apply basic concepts of probability or outcomes. Develop and/or evaluate inferences and predictions or draw conclusions based on data or data displays.	12	11	Advanced

- This will open in Adobe and give one sheet per student detailing their performance on a given assessment.

Cumulative Progress (PDF)

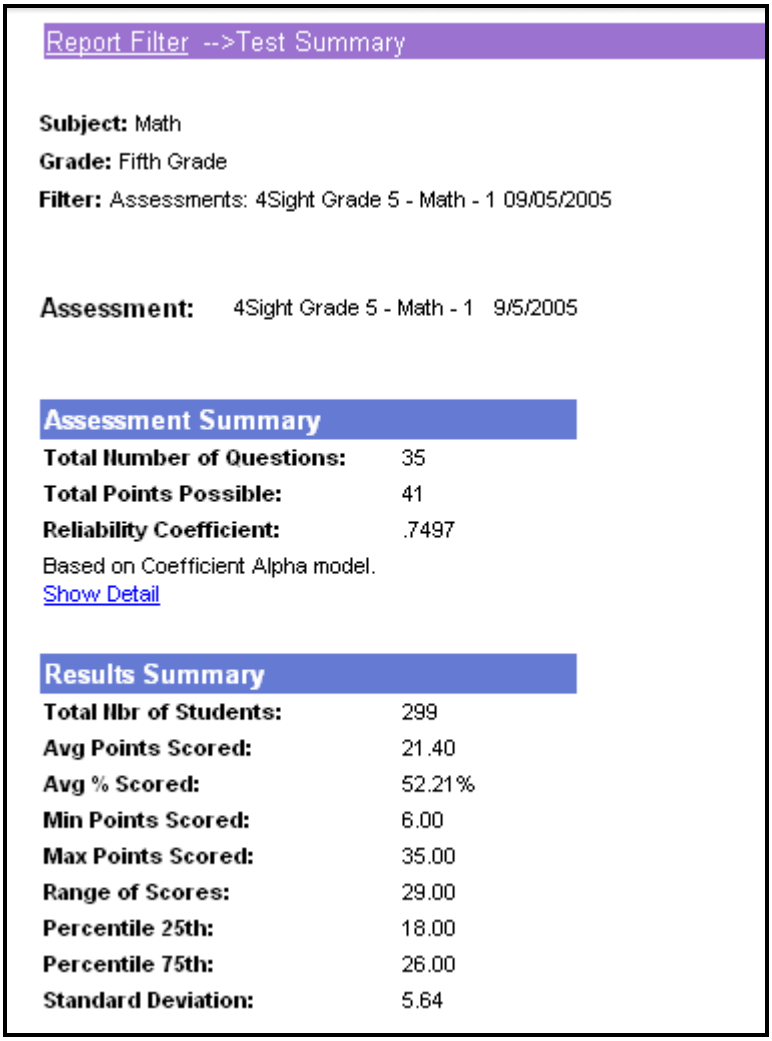


StudentID: 90206
Student Name: Ian ACKERMAN
Assessment: PSSA-v2 Grade 8 - Math

Assessment Section Name	Max Score	04/02/05
Scale Score	2300	1795
A - Numbers and Operations	13	11
B - Measurement	10	10
C - Geometry	12	12
D - Algebraic Concepts	19	19
E - Data Analysis and Probability	12	11

- Opens in Adobe and gives one sheet per student detailing their progress over time.
- Great report to be printed and shared with the parent/student.
- Helpful to compare results on an assessment that has multiple schedule dates.

Assessment Summary



Report Filter -->Test Summary

Subject: Math
Grade: Fifth Grade
Filter: Assessments: 4Sight Grade 5 - Math - 1 09/05/2005

Assessment: 4Sight Grade 5 - Math - 1 9/5/2005

Assessment Summary

Total Number of Questions:	35
Total Points Possible:	41
Reliability Coefficient:	.7497

Based on Coefficient Alpha model.
Show Detail

Results Summary

Total Nbr of Students:	299
Avg Points Scored:	21.40
Avg % Scored:	52.21%
Min Points Scored:	6.00
Max Points Scored:	35.00
Range of Scores:	29.00
Percentile 25th:	18.00
Percentile 75th:	26.00
Standard Deviation:	5.64

- Displays summary information about a particular assessment
- At the bottom will be a pie chart reflecting student performance on the assessment.
- Click on the colored slices of the pie to see a list of students that fall into that proficiency category.
- Click on a student's name to reach their individual student portfolio.

Question Summary

Subject: Math

Grade: Fifth Grade

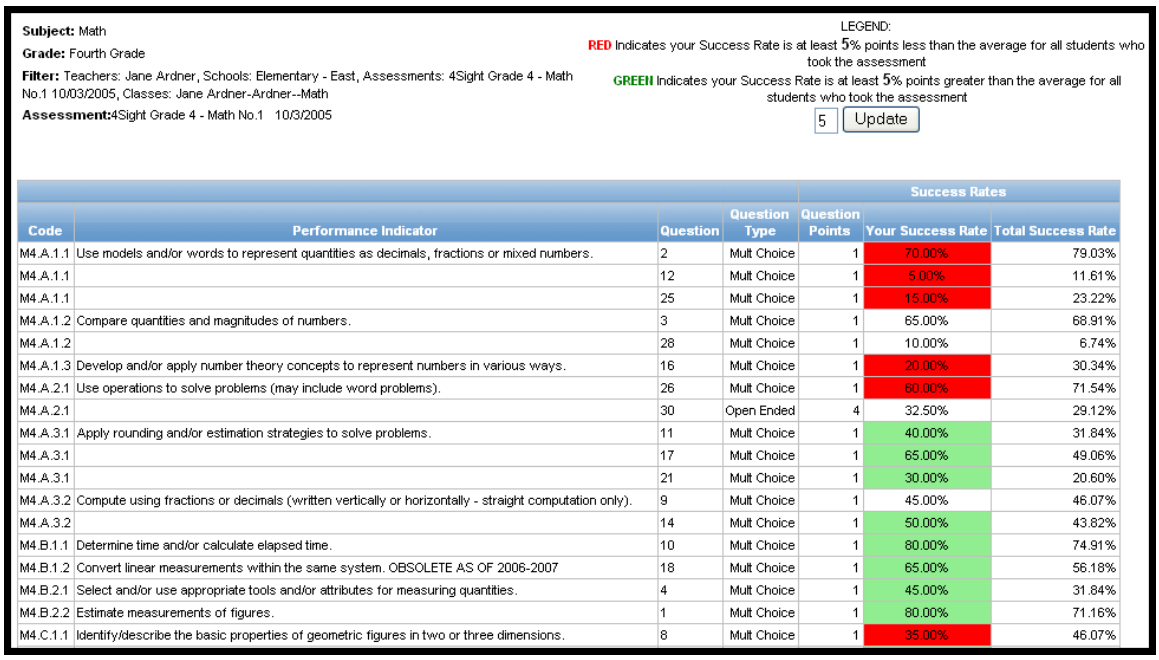
Filter: Assessments: 4Sight Grade 5 - Math - 1 09/05/2005, Sections: Total Score

Assessment: 4Sight Grade 5 - Math - 1 9/5/2005

Question	Question text(Optional)	Question Type	Point Value	Question Level	Percent Correct OR Percent Proficient
1	Numbers and Operations	Mult Choice	1	Developed	64.55% Correct (193) Incorrect (106)
2	Meaurement	Mult Choice	1	Developed	23.41% Correct (70) Incorrect (229)
3	Numbers and Operations	Mult Choice	1	Developed	55.85% Correct (167) Incorrect (132)
4	Algebraic Concepts	Mult Choice	1	Developed	41.81% Correct (125) Incorrect (174)
5	Numbers and Operations	Mult Choice	1	Developed	43.14% Correct (129) Incorrect (170)
6	Meaurement	Mult Choice	1	Developed	45.82% Correct (137) Incorrect (162)
7	Data Analysis and Probability	Mult Choice	1	Developed	62.54% Correct (187) Incorrect (112)
8	Algebraic Concepts	Mult Choice	1	Developed	33.44% Correct (100) Incorrect (199)

- Displays information question by question.
- Shows what percentage of the students answered a given question correctly.
- Click the incorrect or correct links to see the list of student that answer correctly or incorrectly.
- Click on a student's name to see how they performed on the whole assessment.

Standards Analysis



Subject: Math

Grade: Fourth Grade

Filter: Teachers: Jane Ardner, Schools: Elementary - East, Assessments: 4Sight Grade 4 - Math No.1 10/03/2005, Classes: Jane Ardner-Ardner--Math

Assessment:4Sight Grade 4 - Math No.1 10/3/2005

LEGEND:

RED Indicates your Success Rate is at least 5% points less than the average for all students who took the assessment

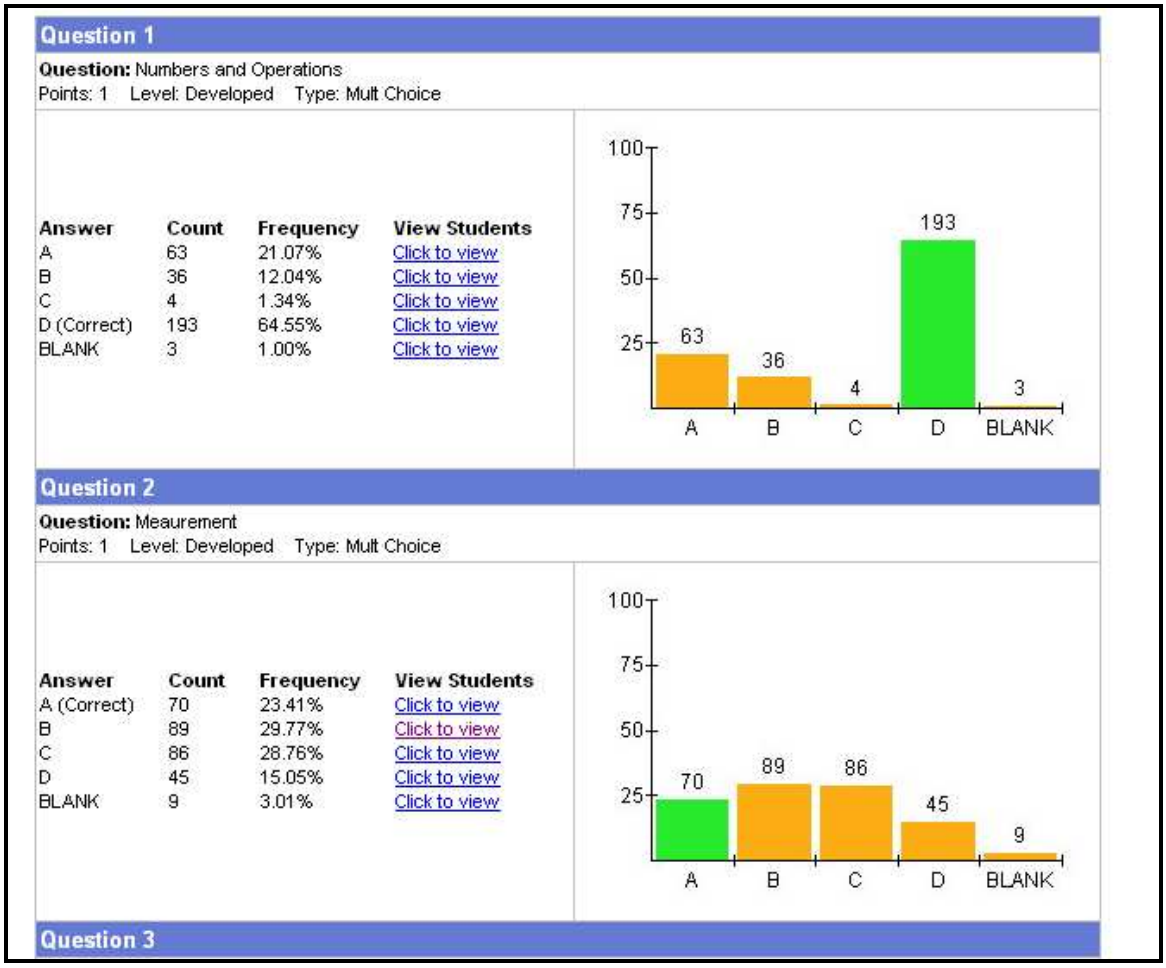
GREEN Indicates your Success Rate is at least 5% points greater than the average for all students who took the assessment

5 Update

					Success Rates	
Code	Performance Indicator	Question	Question Type	Question Points	Your Success Rate	Total Success Rate
M4.A.1.1	Use models and/or words to represent quantities as decimals, fractions or mixed numbers.	2	Mult Choice	1	70.00%	79.03%
M4.A.1.1		12	Mult Choice	1	5.00%	11.61%
M4.A.1.1		25	Mult Choice	1	15.00%	23.22%
M4.A.1.2	Compare quantities and magnitudes of numbers.	3	Mult Choice	1	65.00%	68.91%
M4.A.1.2		28	Mult Choice	1	10.00%	6.74%
M4.A.1.3	Develop and/or apply number theory concepts to represent numbers in various ways.	16	Mult Choice	1	20.00%	30.34%
M4.A.2.1	Use operations to solve problems (may include word problems).	26	Mult Choice	1	60.00%	71.54%
M4.A.2.1		30	Open Ended	4	32.50%	29.12%
M4.A.3.1	Apply rounding and/or estimation strategies to solve problems.	11	Mult Choice	1	40.00%	31.84%
M4.A.3.1		17	Mult Choice	1	65.00%	49.06%
M4.A.3.1		21	Mult Choice	1	30.00%	20.60%
M4.A.3.2	Compute using fractions or decimals (written vertically or horizontally - straight computation only).	9	Mult Choice	1	45.00%	46.07%
M4.A.3.2		14	Mult Choice	1	50.00%	43.82%
M4.B.1.1	Determine time and/or calculate elapsed time.	10	Mult Choice	1	80.00%	74.91%
M4.B.1.2	Convert linear measurements within the same system. OBSOLETE AS OF 2006-2007	18	Mult Choice	1	65.00%	56.18%
M4.B.2.1	Select and/or use appropriate tools and/or attributes for measuring quantities.	4	Mult Choice	1	45.00%	31.84%
M4.B.2.2	Estimate measurements of figures.	1	Mult Choice	1	80.00%	71.16%
M4.C.1.1	Identify/describe the basic properties of geometric figures in two or three dimensions.	8	Mult Choice	1	35.00%	46.07%

- Displays the list of standards assessed by the assessment selected with the following information:
    - Question numbers that assessed the standard
    - Question type for each question – multiple choice or open ended
- Your success rate (the group you filtered for) compared to the entire group in the district that took this assessment.

Detail Analysis



Question 1

Question: Numbers and Operations
Points: 1 Level: Developed Type: Mult Choice

Answer	Count	Frequency	View Students
A	63	21.07%	Click to view
B	36	12.04%	Click to view
C	4	1.34%	Click to view
D (Correct)	193	64.55%	Click to view
BLANK	3	1.00%	Click to view

Question 2

Question: Meaurement
Points: 1 Level: Developed Type: Mult Choice

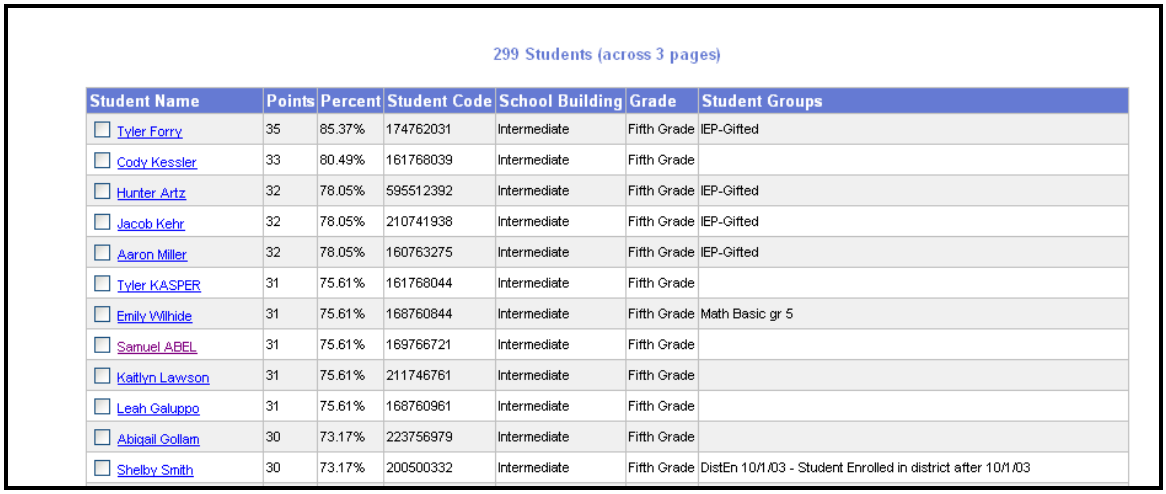
Answer	Count	Frequency	View Students
A (Correct)	70	23.41%	Click to view
B	89	29.77%	Click to view
C	86	28.76%	Click to view
D	45	15.05%	Click to view
BLANK	9	3.01%	Click to view

Question 3

- Displays results question by question on a particular assessment.
- Shows how many students answered each possible response.
- Click on the colored bar to see which students answered each possible response.
- Click on a student's name to see how they performed on the whole assessment.

Performance™ Pathways

Student Summary

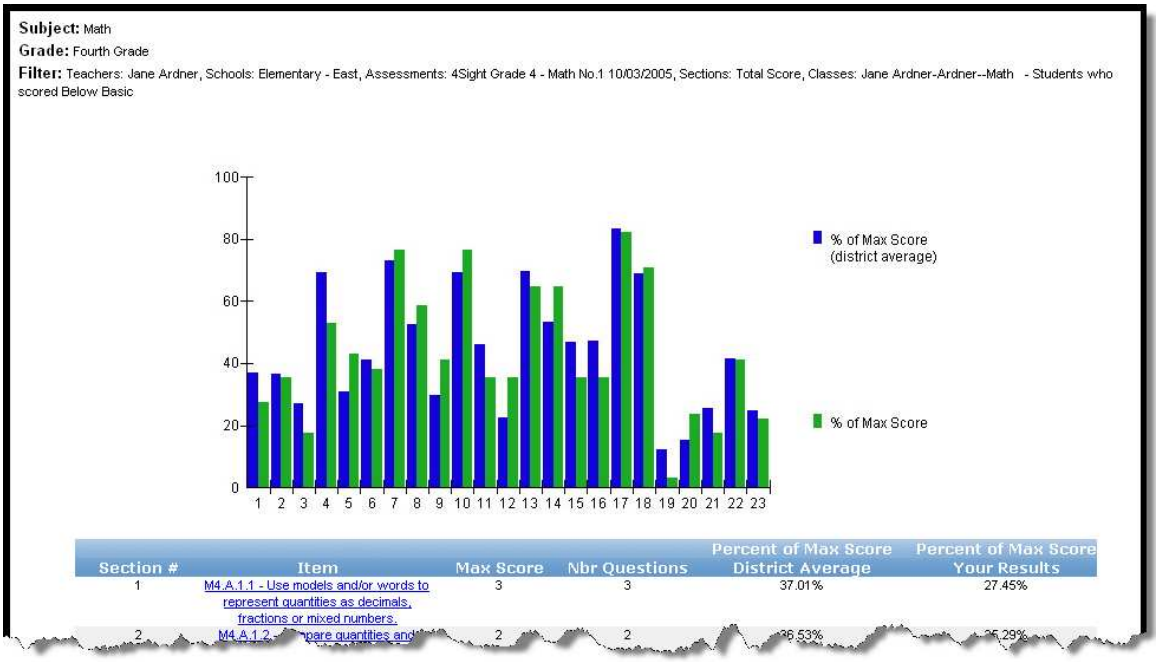


299 Students (across 3 pages)

Student Name	Points	Percent	Student Code	School Building	Grade	Student Groups
Tyler Forry	35	85.37%	174762031	Intermediate	Fifth Grade	IEP-Gifted
Cody Kessler	33	80.49%	161768039	Intermediate	Fifth Grade	
Hunter Artz	32	78.05%	595512392	Intermediate	Fifth Grade	IEP-Gifted
Jacob Kehr	32	78.05%	210741938	Intermediate	Fifth Grade	IEP-Gifted
Aaron Miller	32	78.05%	160763275	Intermediate	Fifth Grade	IEP-Gifted
Tyler KASPER	31	75.61%	161768044	Intermediate	Fifth Grade	
Emily Wilhide	31	75.61%	168760844	Intermediate	Fifth Grade	Math Basic gr 5
Samuel ABEL	31	75.61%	169766721	Intermediate	Fifth Grade	
Kaitlyn Lawson	31	75.61%	211746761	Intermediate	Fifth Grade	
Leah Galuppo	31	75.61%	168760961	Intermediate	Fifth Grade	
Abigail Gollam	30	73.17%	223756979	Intermediate	Fifth Grade	
Shelby Smith	30	73.17%	200500332	Intermediate	Fifth Grade	DistEn 10/1/03 - Student Enrolled in district after 10/1/03

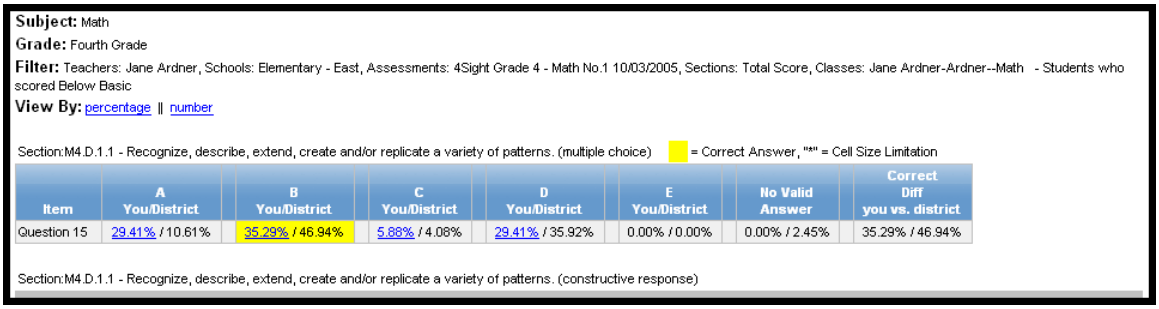
- Displays all students that took the assessment.
- Click on a student's name to see how they performed on the whole assessment.

Drill Down Through Strands to Questions



Subject: Math
Grade: Fourth Grade
Filter: Teachers: Jane Ardner, Schools: Elementary - East, Assessments: 4Sight Grade 4 - Math No.1 10/03/2005, Sections: Total Score, Classes: Jane Ardner-Ardner--Math - Students who scored Below Basic

Section #	Item	Max Score	Nbr Questions	Percent of Max Score District Average	Percent of Max Score Your Results
1	M4.A.1.1 - Use models and/or words to represent quantities as decimals, fractions or mixed numbers.	3	3	37.01%	27.45%
2	M4.A.1.2 - [illegible]	2	2	[illegible]	[illegible]



Subject: Math
Grade: Fourth Grade
Filter: Teachers: Jane Ardner, Schools: Elementary - East, Assessments: 4Sight Grade 4 - Math No.1 10/03/2005, Sections: Total Score, Classes: Jane Ardner-Ardner--Math - Students who scored Below Basic
View By: percentage || number

Section:M4.D.1.1 - Recognize, describe, extend, create and/or replicate a variety of patterns. (multiple choice) = Correct Answer, "*" = Cell Size Limitation

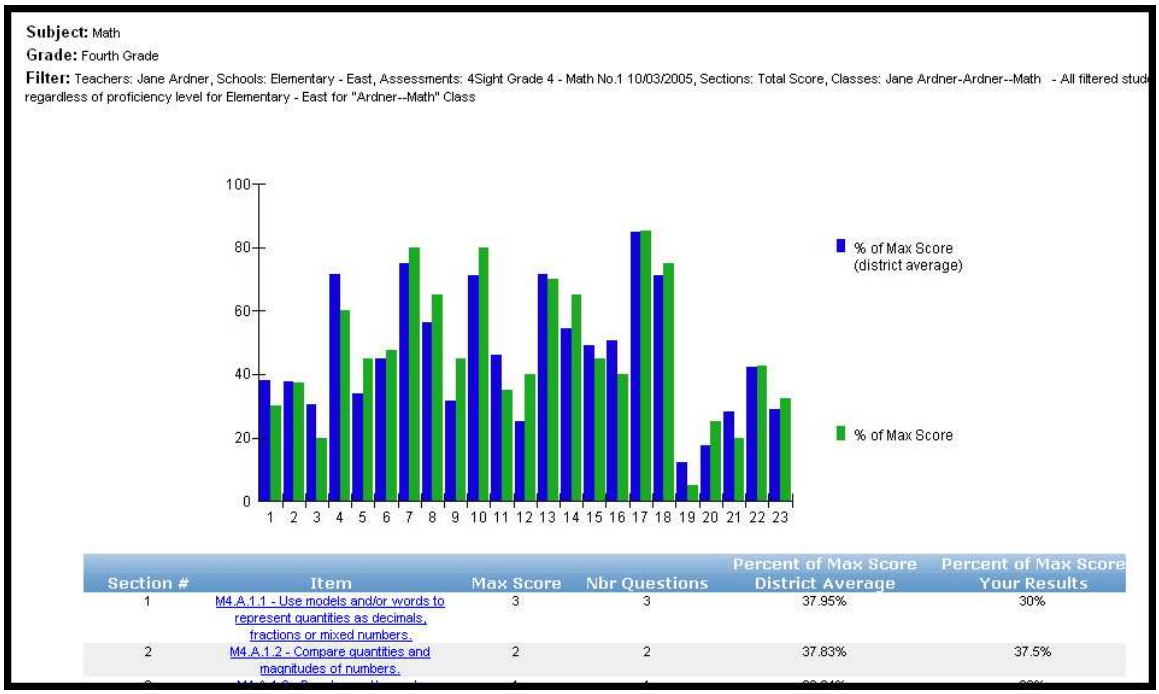
Item	A You/District	B You/District	C You/District	D You/District	E You/District	No Valid Answer	Correct Diff you vs. district
Question 15	29.41% / 10.61%	35.29% / 46.94%	5.88% / 4.08%	29.41% / 35.92%	0.00% / 0.00%	0.00% / 2.45%	35.29% / 46.94%

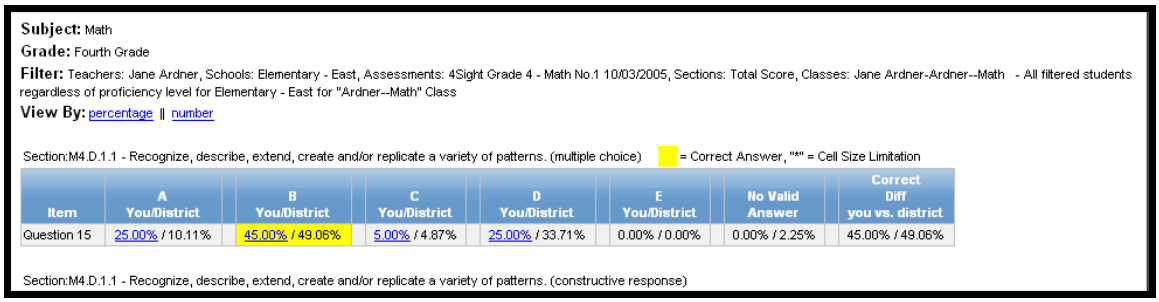
Section:M4.D.1.1 - Recognize, describe, extend, create and/or replicate a variety of patterns. (constructive response)

- Displays first a pie chart then a bar graph to compare your group's percentage of the maximum score achieved (green bar) compared to the district's percentage of the maximum score achieved (blue bar)
- Click on either bar for a level-2 standard to get a chart of the questions assessing that level-2 standard
- For each question the answer choices will be listed (correct answer choices highlighted in yellow) with the percentage of your group that chose that option as compared to the entire district group
- Data may be viewed as percentages or numbers of students
- Click on any of the numbers for your group to see a list of the students that chose this answer.

Performance™ Pathways

Drill Down Through Buildings to Strands





- Initially displays the proficiency levels in pie chart form for your group; clicking on the pie will produce a list of the buildings whose students took this assessment.
- For each building the number of students performing at each of the proficiency levels is indicated.
- Click on classes to see a list of the classes for that building that took the assessment with the number of students performing at each of the proficiency levels indicated.
- Click on sections to see a bar chart that compares this class's percentage of the maximum score achieved (green bar) compared to the district's percentage of the maximum score achieved (blue bar)

Student Assessment Results (PDF)

StudentID: 169766721
Student Name: Samuel G ABEL
Assessment: 4Sight Grade 5 - Math - 1

Question	Question Text (optional)	Point Value	Student Answer	Correct?	Percent All Students Answered Correctly
1	Numbers and Operations	1	D	Yes	64.55%
2	Meaurement	1	B	No	23.41%
3	Numbers and Operations	1	D	No	55.85%
4	Algebraic Concepts	1	D	Yes	41.81%
5	Numbers and Operations	1	C	Yes	43.14%
6	Meaurement	1	C	Yes	45.82%
7	Data Analysis and Probability	1	A	Yes	62.54%
8	Algebraic Concepts	1	C	No	33.44%
9	Geometry	1	A	Yes	86.96%
10	Numbers and Operations	1	A	Yes	96.66%
11	Numbers and Operations	1	B	Yes	77.93%
12	Algebraic Concepts	1	D	Yes	83.95%
13	Numbers and Operations	1	A	Yes	65.89%
14	Meaurement	1	D	Yes	70.23%
15	Numbers and Operations	1	C	No	8.70%
16	Data Analysis and Probability	1	C	Yes	20.74%
17	Numbers and Operations	1	B	Yes	94.31%
18	Algebraic Concepts	1	C	Yes	65.89%
19	Numbers and Operations	1	A	Yes	43.48%

- Opens in Adobe and gives one sheet per student detailing their performance on a given assessment.
- Displays how the student did question by question, including the question text and correct answer.
- Report can also be run without the correct answer showing.