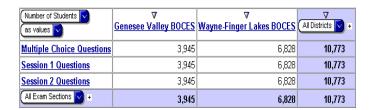
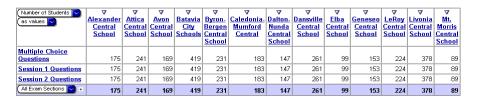
## Math 4 Item Analysis - Analyzing Key Ideas

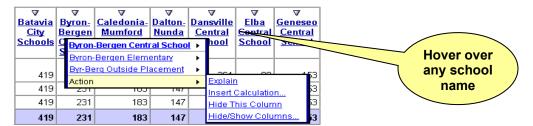
Compare your school's Key Idea performance to that of all schools in your BOCES for all school years

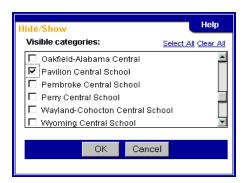


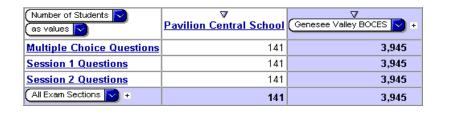
1. From the default view, Drill down on your BOCES (in these examples, we'll use Pavilion Central School in the Genesee Valley BOCES.



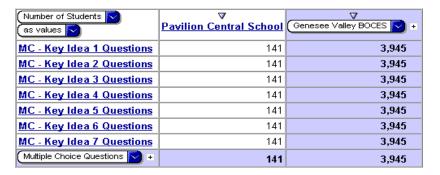
2. Hide all schools except for your school





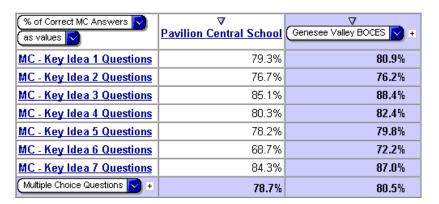


3. Drill down on Multiple Choice Questions



4. Select % of Correct MC Answers as the measure

Comparison of Key Idea Performance to All Genesee Valley BOCES schools



Compare your school's Key Idea Subskill performance to that of all schools in your BOCES for all school years

From the results obtained in the previous exercise:

1. Nest the Subskills of each Key Idea

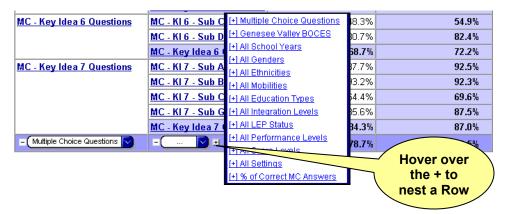
Comparison of Subskill Performance of each Key Idea to All Genesee Valley BOCES schools

BOOLO 30110013						
% of Correct MC Answers			Genesee Valley BOCES 🕟 +			
(as values 🚫		Pavilion Central School	Genesee valley BOCES   +			
MC - Key Idea 1 Questions	MC - KI 1 - Sub A	77.5%	75.3%			
	MC - KI 1 - Sub B	66.7%	75.9%			
	MC - KI 1 - Sub D	84.5%	85.9%			
	MC - Key Idea 1 Questions	79.3%	80.9%			
MC - Key Idea 2 Questions	MC - KI 2 - Sub A	73.0%	76.0%			
	MC - KI 2 - Sub B	75.3%	76.2%			
	MC - KI 2 - Sub C	74.3%	73.3%			
	MC - KI 2 - Sub D	83.1%	80.3%			
	MC - KI 2 - Sub E	87.7%	85.9%			
	MC - Key Idea 2 Questions	76.7%	76.2%			
MC - Key Idea 3 Questions	MC - KI 3 - Sub A	85.0%	89.7%			
	MC - KI 3 - Sub B	85.2%	87.0%			
	MC - Key Idea 3 Questions	85.1%	88.4%			
MC - Key Idea 4 Questions	MC - KI 4 - Sub C	93.2%	93.1%			
	MC - KI 4 - Sub E	75.8%	78.7%			
	MC - Key Idea 4 Questions	80.3%	82.4%			
MC - Key Idea 5 Questions	MC - KI 5 - Sub B	54.2%	57.7%			
	MC - KI 5 - Sub C	83.6%	85.4%			
	MC - KI 5 - Sub D	69.6%	77.6%			
	MC - KI 5 - Sub F	90.8%	90.0%			
	MC - Key Idea 5 Questions	78.2%	79.8%			
MC - Key Idea 6 Questions	MC - KI 6 - Sub C	48.3%	54.9%			
	MC - KI 6 - Sub D	80.7%	82.4%			
	MC - Key Idea 6 Questions	68.7%	72.2%			
MC - Key Idea 7 Questions	MC - KI 7 - Sub A	87.7%	92.5%			
	MC - KI 7 - Sub B	93.2%	92.3%			
	MC - KI 7 - Sub C	64.4%	69.6%			
	MC - KI 7 - Sub G	85.6%	87.5%			
	MC - Key Idea 7 Questions	84.3%	87.0%			
- Multiple Choice Questions	🔻 +	78.7%	80.5%			

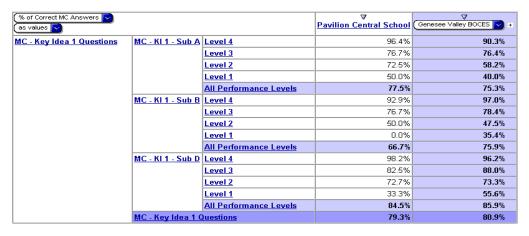
Compare your school's Key Idea Subskill performance to that of all schools in your BOCES for all school years for Students at Levels 3 and 4 only

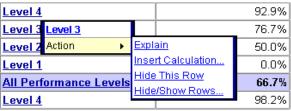
From the Results obtained in the previous exercise:

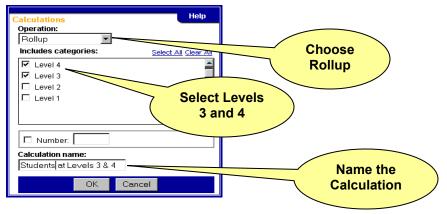
Nest in All Performance Levels as rows



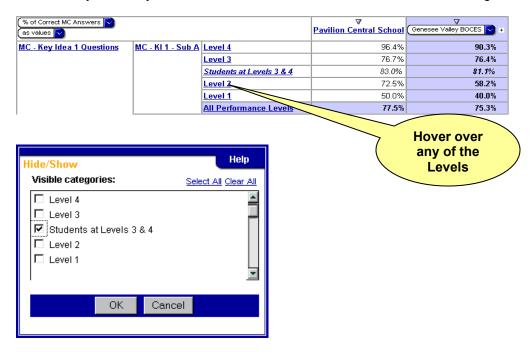
2. Insert a calculation that combines the performance of students at Levels 3 and 4



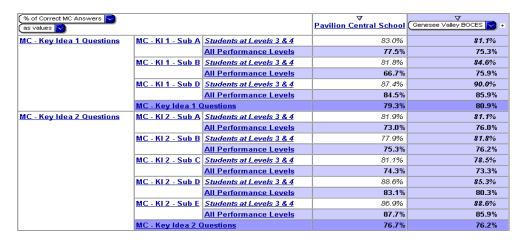




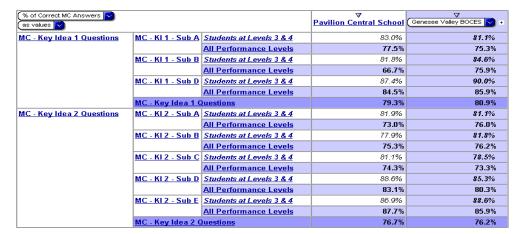
3. Show only the newly created calculation in the All Performance Levels nesting



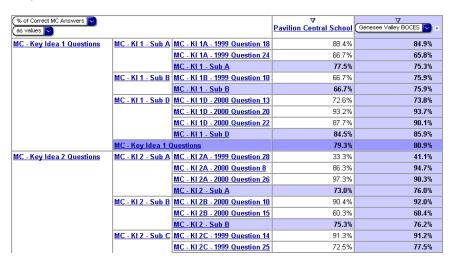
Comparison of Subskill Performance of each Key Idea to All Genesee Valley BOCES schools for Students performing at Levels 3 and 4



From the Results obtained in the previous exercise:



 Change the inside row nesting from All Performance Levels to the individual questions



2. Remove the first set of nested rows (the key idea subskill level) by clicking the minus sign to the left of its row pulldown

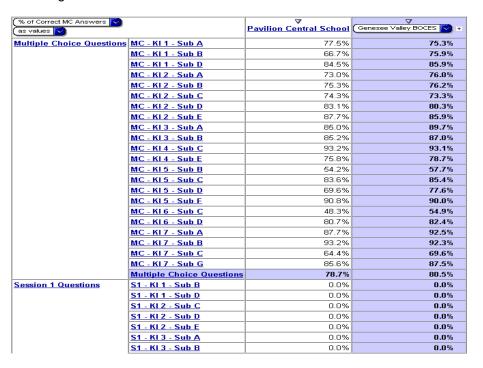
## Comparison of Multiple Choice Questions to All Genesee Valley BOCES schools

% of Correct MC Answers 💙 as values 💟		∇ Pavilion Central School	Genesee Valley BOCES +
MC - Key Idea 1 Questions	MC - KI 1A - 1999 Question 18	88.4%	84.9%
	MC - KI 1A - 1999 Question 24	66.7%	65.8%
	MC - KI 1B - 1999 Question 10	66.7%	75.9%
	MC - KI 1D - 2000 Question 13	72.6%	73.8%
	MC - KI 1D - 2000 Question 20	93.2%	93.7%
	MC - KI 1D - 2000 Question 22	87.7%	90.1%
	MC - Key Idea 1 Questions	79.3%	80.9%
MC - Key Idea 2 Questions	MC - KI 2A - 1999 Question 28	33.3%	41.1%
	MC - KI 2A - 2000 Question 8	86.3%	94.7%
	MC - KI 2A - 2000 Question 26	97.3%	90.3%
	MC - KI 2B - 2000 Question 10	90.4%	92.0%
	MC - KI 2B - 2000 Question 15	60.3%	60.4%
	MC - KI 2C - 1999 Question 14	91.3%	91.2%
	MC - KI 2C - 1999 Question 25	72.5%	77.5%
	MC - KI 2C - 1999 Question 26	87.0%	91.5%
	MC - KI 2C - 1999 Question 30	46.4%	43.7%
	MC - KI 2C - 2000 Question 14	91.8%	91.6%
	MC - KI 2C - 2000 Question 29	87.7%	83.6%
	MC - KI 2C - 2000 Question 30	43.8%	34.4%
	MC - KI 2D - 1999 Question 12	97.1%	92.3%
	MC - KI 2D - 1999 Question 15	88.4%	83.5%
	MC - KI 2D - 1999 Question 20	63.8%	64.9%
	MC - KI 2E - 2000 Question 28	87.7%	85.9%
	MC - Key Idea 2 Questions	76.7%	76.2%

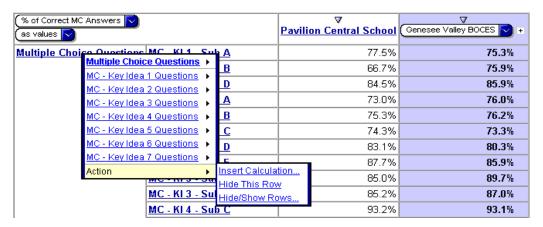
Compare performance on individual questions to that of all schools in your BOCES for all school years

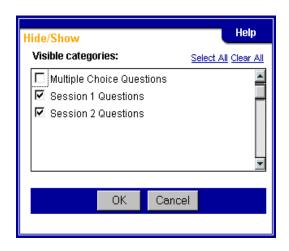
From the Results obtained in the previous exercise:

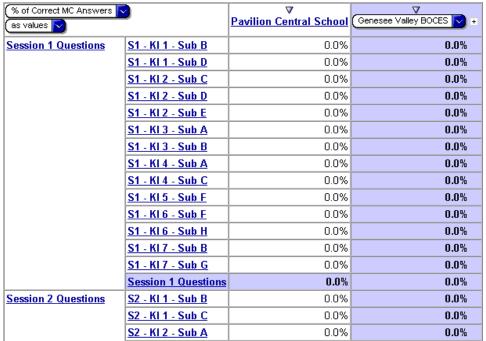
Change the first set of Rows to All Exam Sections



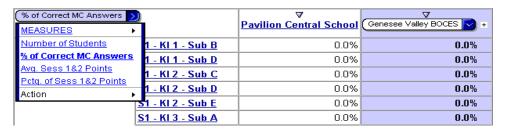
2. Show only Session 1 and Session 2 questions







3. Change the measure to Percentage of Session 1 and 2 Points.



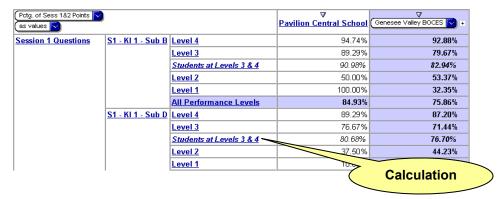
## Comparison of Subskills for Session 1 and Session 2 Questions to All Genesee Valley BOCES schools

Pctg. of Sess 1&2 Points as values	)	∇ Pavilion Central School	Genesee Valley BOCES 🔽 🛨
Session 1 Questions	<u>S1 - Kl 1 - Sub B</u>	84.93%	75.86%
	S1 - KI 1 - Sub D	63.04%	68.47%
	S1 - KI 2 - Sub C	93.48%	91.54%
	S1 - KI 2 - Sub D	55.48%	37.59%
	S1 - KI 2 - Sub E	86.23%	90.44%
	S1 - KI 3 - Sub A	64.08%	70.38%
	<u>S1 - KI 3 - Sub B</u>	52.17%	59.43%
	S1 - KI 4 - Sub A	80.43%	86.44%
	S1 - KI 4 - Sub C	95.21%	90.09%
	S1 - KI 5 - Sub F	82.34%	80.72%
	S1 - KI 6 - Sub F	80.43%	81.87%
	S1 - KI 6 - Sub H	84.93%	72.37%
	S1 - KI 7 - Sub B	85.27%	84.53%
	S1 - KI 7 - Sub G	86.76%	79.26%
	Session 1 Questions	78.91%	77.33%
Session 2 Questions	S2 - KI 1 - Sub B	66.67%	70.90%
	S2 - KI 1 - Sub C	90.87%	83.28%
	<u>S2 - KI 2 - Sub A</u>	36.05%	43.72%
	S2 - KI 3 - Sub A	67.96%	66.99%

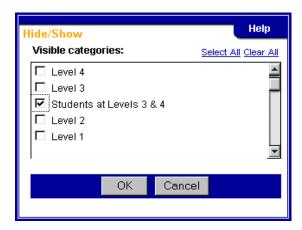
Compare performance on individual questions to that of all schools in your BOCES for all school years

From the results obtained in the previous exercise:

1. Nest in the All Performance Levels dimension. If this level doesn't already contain a calculation of the Levels 3 and 4 students, follow the previous exercise to create this calculation.



2. Show only the calculation of the Level 3 and 4 students



## Comparison of Session 1 and Session 2 Questions by Subskill to All Genesee Valley BOCES schools

Pcta, of Sess 1&2 Points	\			V
		Pavilion Central School	Genesee Valley BOCES N +	
as values 🕥				
Session 1 Questions	S1 - KI 1 - Sub B	Students at Levels 3 & 4	90.98%	82.94%
		All Performance Levels	84.93%	75.86%
	S1 - KI 1 - Sub D	Students at Levels 3 & 4	80.68%	76.70%
		All Performance Levels	63.04%	68.47%
	S1 - KI 2 - Sub C	Students at Levels 3 & 4	96.59%	94.98%
		All Performance Levels	93.48%	91.54%
	S1 - KI 2 - Sub D	Students at Levels 3 & 4	61.48%	43.82%
		All Performance Levels	55.48%	37.59%
	S1 - KI 2 - Sub E	Students at Levels 3 & 4	92.05%	93.40%
		All Performance Levels	86.23%	90.44%
	S1 - KI 3 - Sub A	Students at Levels 3 & 4	77.14%	76.88%
		All Performance Levels	64.08%	70.38%
	S1 - KI 3 - Sub B	Students at Levels 3 & 4	63.64%	67.07%
		All Performance Levels	52.17%	59.43%
	S1 - KI 4 - Sub A	Students at Levels 3 & 4	80.68%	89.39%
		All Performance Levels	80.43%	86.44%
	S1 - KI 4 - Sub C	Students at Levels 3 & 4	95.90%	93.63%
		All Performance Levels	95.21%	90.09%
	S1 - KI 5 - Sub F	Students at Levels 3 & 4	88.10%	85.98%
		All Performance Levels	82.34%	80.72%