the Tennessee Student Progress Portal > PM 123 > Introduction > Learning Instructions

Learning Instructions

- 1. Getting Started: The table of contents page serves as your guide to the course content and an indicator of lessons you have reviewed or completed. To start reviewing a page, click the "Begin" link next to the page. Once you have accessed a page's content, you can always revisit the content by clicking "Revisit."
- Navigating the Course: Upon reading the first page of the course's units, you can access the next page of the content by clicking the "Next" button. If you need to re-read a unit's content, you can click the "Previous" button to return to the previous page. Or, you can return to the course syllabus to select the unit you wish to re-read. Repeat these steps until you have finished the course.
- 3. Taking the Posttest: At the end of the course, you will be given a posttest. Answer each question and click "Submit, I'm Done." You will immediately see your test results and each question's correct answer. To receive credit for a course, you must answer at least 7 of the 10 questions correctly. If you don't pass the first time, review the course content again and re-attempt the posttest. If you start the posttest, but cannot complete it during a session, click "Save and Return Later" at the bottom of the page.
- 4. Completing the Application & Knowledge Activities: Each course includes five extended response questions that allow for reflection and help you consider how you will apply this learning to your work. Your administrators can review responses to these questions and provide feedback as well. After you have entered your responses, click "Submit, I'm Done." Once you submit your answers, you will no longer be able to edit them. If you wish to save your work, but cannot complete it during a session, click "Save & Return Later" at the bottom of the page.
- 5. Deciding to Withdraw from a Course: If you select a course that you decide you do not want to take, click "Withdraw" under the "Action" column.
- 6. Resuming a Course: If you start taking a course, but do not complete it in your current session, you can continue the course when you return to the portal to access Learn. Simply click on "Resume Course" under the "Action" column when you return.
- 7. Completing a Course: Once you have completed a course and passed the posttest, the course will appear at the bottom of the screen under "My Completed Courses." Click "Print Certificate" under the "Action" column to receive a personalized document confirming that you have completed this course. If you wish to review the content of a completed course, click "Review."
- 8. Accessing Your Transcript: Click "View Transcript" link at the top right corner of the screen to review a list of courses you have completed, including the Course Completed Date, Course Name and Course Code.
- 9. Ending Your Session: Be sure to click "Log Out" at the bottom of the page when you are finished using the portal.

the Tennessee Student Progress Portal > PM 123 > Introduction > Learning Description & Objectives

Learning Description & Objectives

Learning Description

In this course, you will explore the Student Search and School Search features. These search engines allow users to produce lists of students or schools that satisfy search criteria selected by the user. This course includes visual representations of copyrighted EVAAS® Web reporting software from SAS Institute Inc. for instructional purposes.

Learning Objectives

- 1. Learn how to perform student and school searches.
- 2. Understand how to create custom student reports.
- 3. Compare related schools' information and progress.

the Tennessee Student Progress Portal > PM 123 > Introduction > Pretest

Pretest

Before you begin a course, you must take the pretest. The pretest will help you gauge your current knowledge of the course content and preview what you will learn. Upon completing the pretest, click "Submit, I'm Done" at the bottom. Then, you will see your test results and the correct answers for each question. Click "Next" to enter the course content. If you start the pretest, but cannot complete it during a session, click "Save & Return Later" at the bottom of the page.

Question 1

What does it mean if the cumulative gain index on a school search report for School 3's fifth grade math students is 3.5? Required

- a. Fifth grade students in School 3 had a school effect that was 7 times the standard error in math.
- O b. Students in School 3 scored a 3.5 on their fifth grade math test.
- C. Students in School 3 scored 3.5 times worse on their fifth grade math test than they did in the previous year.
- 🖌 🔍 d. Fifth grade students in School 3 had a school effect that was 3.5 times the standard error in math.

Question 2

If you make a custom student report for Mrs. Smith, how can you give her access to that report? Required

 $\sqrt{}$ \odot a. Go to the "Admin" menu and change Mrs. Smith's access privileges to give her access to the report.

- O b. Save the report under Mrs. Smith's name and she'll automatically have access.
- C. Log in as Mrs. Smith, pull the report from your files, and save it in hers.
- Only you can have access to a report you create.

Question 3

What criteria do you need to set in the student search feature if you want a list of all the female students in your school? Required

- a. Restrict Search by District and/or School, Grade, and Sex.
- b. Restrict Search by Grade and Sex.
- √ c. Restrict Search by District and/or School and Sex.
 - Od. This search is not a possibility.

Question 4

Where can you go to perform a complex search that will produce a list of students who conform to search criteria of your choosing? Required

- a. The "School Search" window.
- b. The "Student Search" window.
 - c. The "Custom Student Reports" window.
 - d. The "Search" window.

Question 5

How can you find out how other schools with similar demographics are doing in terms of student growth? Required

- a. Simply click "Search" after accessing your school's report from the school search feature and the work is done for you.
- b. You have to search manually for the schools you know have similar demographics.
- $\sqrt{}$ \odot c. Set the search criteria in the school search feature to find comparable schools with similar demographics.
 - d. All of the above.

Question 6

How is the cumulative gain index calculated in the school search feature? Required

√ ○ a. By dividing the school effect for a particular school by its associated standard error.

b. By adding the school effect for a particular school to its associated standard error.

- C. By finding the difference between the school effect and associated standard error for a particular school.
- Od. By multiplying the school effect for a particular school by its associated standard error.

Question 7

How many options are available in the student search feature if you choose to "Restrict Search by Sex?" Required

- √ a. Three options—male, female, and unknown.
 - b. Two options—male and female.
 - C. Four options—male, female, unknown, and all.
 - O d. None of the above.

Question 8

What does the "Gain" column indicate on a school search report? Required

- In a where students in a particular school scored in terms of actual achievement.
- $\sqrt{}$ \odot b. Where a particular school is ranked in terms of its progress.
 - C. A designation of each school's average achievement level.
 - d. Both b and c.
 - e. None of the above.

Question 9

Which of the following options is available in the student search feature if you choose to "Restrict Search by Demographics?" Required

- a. Learning Disability.
- b. Special Education.
- c. Limited English Proficiency.
- √
 ^O d. Both b and c.
 - e. All of the above.

Question 10

What demographic information can you learn about a school by viewing a report produced from the school search feature? Required

- a. The school's enrollment.
- O b. The percentage of students who are classified as a minority.
- C. The percentage of students on free/reduced price lunches.
- Od. Both a and b.
- I = All of the above.

Unit 1: Student Search

In this course, you will explore two aspects of the value-added system that are important for school improvement—the student search feature and the custom student report. These features allow you to produce and save lists of students who conform to particular search criteria.

Let's begin with data you've seen in several previous courses from the fifth grade Reading Diagnostic Report for School 0.



			Observed minus Predicted Score by Predicted Score Quintile						
			1 (Lowest)	2	3 (Middle)	4	5 (Highest)		
Reading	2005	Mean	29.6	12.1	6.9	-4.3	2.3		
		Std Err	11.5	5.8	4.1	5.9	3.5		
		Nr of Students	5	15	12	8	6		
		% of Students	10.4	31.2	25.0	16.7	16.7		
	Previous	Mean							
	Year(s)	Std Err							
		Nr of Students							
		% of Students				2			

View Performance Diagnostics Report

To view detailed reports, click on underlined numbers or words.

From this report, you can perform a student search. Go to the "Reports" pull-down menu at the top of the page, and choose "Student Search."

Unit 1: Student Search

atte	elle for Kids	Search	Contact Us	Help	Admin	User Settings	Logout
	- Back						Repor
٣	Student Last Name:			G	•		
	Restrict Search by Grade?		C Yes @	No 🧉			
	Restrict Search by District and/or School	91P	C Yes @	No 🥝			
*	Restrict Search by Race?		C Yes @	No G			
	Restrict Search by Sex?		C Yes @	No G			
×.	Restrict Search by Demographics?		C Yes @	No G) – E		
	Restrict Search by Projected Proficienc	y Level?	C Yes @	No G			

On this "Student Search" page, you can conduct a simple search for an individual student by typing in the student's last name. This search produces an individual student report for that student. This use of the student search feature was discussed in course SR121, *Interpreting Individual Student Reports (Part 1)*.

To take your knowledge a step further, you can perform a more complex search that will produce a list of students who conform to search criteria of your choosing. To set those criteria, you will work your way through the prompts that appear in the "Student Search" window.

Unit 1: Student Search

Let's suppose that you have a particular issue that you wish to examine.

Batte	elle for Kids	Search	Contact Us	Help	Admin	User Settings	Logout
	- Back						Report
٣	Student Last Name:			0			
*	Restrict Search by Grade?		C Yes @ M	ło 😮			
	Restrict Search by District and/or School	17	C Yes @ M	10 😡			
*	Restrict Search by Race?		C Yes C M	10 😮			
	Restrict Search by Sex?		C Yes @ M	10 😧			
	Restrict Search by Demographics?		C Yes @ M	10 0			
	Restrict Search by Projected Proficiency	Level?	C Yes C M	10 0			

You have noticed lately that the male students in your school seem to be slipping further and further behind your school's female students. You would like to find some data to either bolster or refute this suspicion. You can use the student search feature to find out if, in fact, several male students are struggling to reach proficiency.

Let's begin with a decision to look at students across all the grade levels where value-added analysis is available. The search will not be restricted by "Grade."

Click the "Yes" button in the "Restrict Search by District and/or School" category, and select "District 0" and "School 0"-the sample school you've been examining.

Once you select these overarching search parameters, you can begin focusing on the students in which you are interested. You could, for example, focus on one or more racial subgroups within the school. Simply click on one or more of the boxes that apply.

Unit 1: Student Search

atte	elle for Kids Home Sea	arch Contact Us	Help	Admin	User Settings	Logout
	Back					Repo
*	Student Last Name:		0	(
*	Restrict Search by Grade?	€ Yes € I	No 🥝	(
*	All Grades 🔄 Restrict Search by District and/or School?	· Yes ·	No 😡	2		
	District O 💌 School O 💌					
*	Restrict Search by Race?	C Yes 🕫	No 😡	ŧ.		
Þ	Restrict Search by Sex?	C Yes @ I	No 🥝			
Þ	Restrict Search by Demographics?	C Yes @1	No 🥝			
*	Restrict Search by Projected Proficiency Level	17 C Yes @ 1	No 😡			

Let's bypass the "Race" category for now by clicking "No" for that set of criteria.

The next category allows you to limit your search by "Sex." If you click "Yes" for that category, you'll see three choices. The "Unknown" choice refers to students whose gender may not have been identified in the data source. Because this search will focus on males, check the "Male" box.

Next, you can limit your search by two "Demographic" factors: Special Education or Limited English Proficiency. But, we're not interested in either of those criteria right now, so click the "No" button.

Unit 1: Student Search

attelle for Kids Home Sea	arch Contact Us H	lelp Admin	User Settings	Logout
• Back				Repor
Student Last Name:		0		
Restrict Search by Grade? All Crades		0		
Restrict Search by District and/or School? District O School O		0		
Restrict Search by Race?	C Yes @ No	0		
Restrict Search by Sex?	F Yes C No	0		
Male Female Unknown				
Restrict Search by Demographics?	C Yes 🕫 No	0		
Restrict Search by Projected Proficiency Leve	17 C Yes @ No	0		

Finally, you can choose specific criteria to select students based on their "Projected Achievement Level" on some future assessment.

When you select this option, you can either broaden the inquiry by searching for students based on their performance on one assessment "or" another, or you can reduce the size of your net by searching for performance on one assessment "and" another. You'll see how that option works shortly.

Moving on, you will see three assessment options in this district from which you can choose projected proficiency levels: the OAT, the OGT, and the OPT. These tests are all particular tests given in one state. Choose the "OPT" because it is the end-of-the-year assessment for the students of interest.

You will have the option of choosing the level of proficiency that you wish to project. If you click on that menu, you'll see a host of choices. Choose the "6th grade OPT Math (Proficient)" option, which is the grade level and proficiency level we are targeting.

Finally, select the range of proficiency probabilities that you want to capture in your net. Because you are interested in those males who are at risk of failing the sixth grade OPT math test, you will choose a lower limit of 0 percent and an upper limit of 50 percent.

Unit 1: Student Search

The following window shows the result of these choices.

Battelle for Kids	Home Searc	th Contact Us	Help	Admin	User Settings	Logout
- Back						Repor
Student Last Name:			0			
Restrict Search by Grade?			0			
All Grades Restrict Search by District and	or School?		0			
District O School O Restrict Search by Race?	<u> </u>	C Yes @ No	0			
Restrict Search by Sex?		≪ Yes ⊂ No	0			
 Restrict Search by Demographi 	ics?	C Yes @ No	0			
Restrict Search by Projected Pr OPT 1 6th O	PT Math (Profici	Yes ∩ No ent) ▼ IOW	ver:0	_%	upper 50 %	
Restrict Search by Projected Pr	oficiency Level?	€ Yes € No	0			

To recap this search strategy thus far, you have asked the system to find those male students in School 0 who have less than a 50 percent chance of scoring at the proficiency level on the sixth grade OPT math test.

Suppose you want to narrow this search even further to include only those students who are at risk in reading and in math.

To add this criterion to your search, click the "Yes" button on the last line of your search criteria. Then, click on the "and/or" menu and select the "and" option.

By choosing the "and" option, you are asking for those students who meet both criteria. The "or" option would expand the search by asking for students who meet either criterion.

Once you have chosen the "and" option, you can continue to select the criteria that define this choice.

Select "OPT" from the menu. Then, select "6th OPT Reading (Proficient)" for the other test you are interested in. Finally, select 0 percent again as your lower limit and 50 percent as your upper limit.

Unit 1: Student Search

You now see the following completed set of search criteria.

Battelle for Kids	Home	Search	Contact Us	Help	Admin	User Settings	Logout
- Back						an a	Repor
Student Last Name:				G)		
 Restrict Search by Grade? 			∉ Yes C	No 😮	•		
All Grades 💌							
Restrict Search by District and District 0 School 0	or School	7	@Yes C	No 😮			
Restrict Search by Race?			C Yes @	No 😮			
Restrict Search by Sex? Male Female Unk	nown		Yes C	No 😮)		
Restrict Search by Demograph	ics?		C Yes @	No G			
Restrict Search by Projected P	roficiency	Level?	← Yes ←	No 🥝		upper 50 %	
 Restrict Search by Projected P 	roficiency	Level?	<pre> Yes ∩ </pre>	No G	70	abberloo vo	
and TOPT T 6	h OPT Rea	ading (Pro	ficient)	lowe	r:0 9	6 upper: 50	%
Restrict Search by Projected P	roficiency	Level?	C Yes C	No 🥝			
Restrict Search by Projected P	roficiency	Sea	rch	No 🤞			

You are now ready to perform the search. But first, let's review all of the search criteria.

You are asking the system to produce the list of male students in School 0 who have less than a 50 percent chance of being proficient on the 6th grade OPT Math test "and" also less than a 50 percent chance of scoring at the proficient level on the 6th grade OPT Reading test.

Unit 1: Student Search

If you click the "Search" button, you will see the following list of 14 male students.

Battelle	Kids	Home Se	Admin User Settings Logout						
• Back	• Print							R	eports
		Search Res	sults: re	sults 1	- 14				
Student	District	School name	Sex	Race	Grade	SPE	LEP	PA1	PA2
Student 0	District 0	School 0	M	W	5	Y	N	39.0	30.2
Student 0	District 0	School 0	M	W	5	N	N	16.7	36.6
Student 0	District 0	School 0	M	W	5	N	N	44,4	45.9
Student 0	District 0	School 0	M	W	5	N	N	34.4	30.6
Student 0	District 0	School 0	M	W	5	Y	N	22.4	28.7
Student 0	District 0	School 0	M	W	5	Y	N	23.5	38.9
Student 0	District 0	School 0	M	W	5	N	N	24.7	25.9
Student 0	District 0	School 0	M	W	5	Y	N	31.6	41.9
Student 0	District 0	School 0	M	W	5	N	N	39.1	40.9
Student 0	District 0	School 0	M	W	5	N	N	48.3	28.1
Student 0	District 0	School 0	M	W	5	N	N	36.0	47.4
Student 0	District 0	School 0	M	W	5	N	N	12.0	37.7
Student 0	District 0	School 0	M	W	5	N	N	37.3	41.8
Student 0	District 0	School 0	M	W	5	Y	N	20.0	20.0
AI - American Indian A - Asian B - Black H - Hispanic W - White MR - Multi-Rac O - Other U - Unknown	SPE - Spe LEP - Limi Proficienc	cial Education ted English y	PA1 - At (Proficie PA2 - At (Proficie	chieveme nt) chieveme nt)	ent Probab	oility for	6th OP 6th OP	T Math	ling

In the column under the "Grade" header, you see that all of these students have data through the fifth grade, which means that these students are currently in the sixth grade.

To the right of the "Grade" column are columns that identify students as either Special Education (SPE) or Limited English Proficient (LEP). Some members of the resulting student group are identified as Special Ed (SPE), but none of them are Limited English Proficient (LEP) students.

Unit 1: Student Search

Battelle fo	r Kids	Home Se	ome Search Contact Us Help Admin User Settings Log		Logout	ha			
• Back	• Print							R	eports
		Search Res	sults: re	sults 1	- 14				
Student	District	School name	Sex	Race	Grade	SPE	LEP	PA1	PA2
Student 0	District 0	School 0	M	W	5	Y	N	39.0	30.2
Student 0	District 0	School 0	M	W	5	N	N	16.7	36.6
Student 0	District 0	School 0	M	W	5	N	N	44,4	45.9
Student 0	District 0	School 0	M	W	5	N	N	34.4	30.6
Student 0	District 0	School 0	M	W	5	Y	N	22.4	28.7
Student 0	District 0	School 0	M	W	5	Y	N	23.5	38.9
Student 0	District 0	School 0	M	W	5	N	N	24.7	25.9
Student 0	District 0	School 0	M	W	5	Y	N	31.6	41.9
Student 0	District 0	School 0	M	W	5	N	N	39.1	40.9
Student 0	District 0	School 0	M	W	5	N	N	48.3	28.1
Student 0	District 0	School 0	M	W	5	N	N	36.0	47.4
Student 0	District 0	School 0	M	W	5	N	N	12.0	37.7
Student 0	District 0	School 0	M	W	5	N	N	37.3	41.8
Student 0	District 0	School 0	M	W	5	Y	N	20.0	20.0
Al - American Indian A - Asian B - Black H - Hispanic W - White MR - Multi-Rac O - Other U - Unknown	SPE - Spe LEP - Limi Proficiency	cial Education ted English Y	PA1 - Ao (Proficie PA2 - Ao (Proficie	chieveme nt) chieveme nt)	ent Probab	ility for	6th OP 6th OP	T Math	ling

The last two columns, labeled "PA1" and "PA2," list the achievement probability for each student relative to both the sixth grade math and reading test.

From the legend at the bottom, PA1 is defined as the probability of being proficient in math, and PA2 is defined as the probability for being proficient in reading. Notice that all of these students are below the 50 percent probability threshold that you chose for reading and math.

This report has several potential uses. You have a list of 14 students who will likely not pass either the sixth grade math or reading test unless you take steps to address the problem. This report provides an academic alert before, rather than after, the fact.

Unit 2: Creating Custom Student Reports

Because the list you created in Unit 1 has valuable information, you might want to save it so that you can provide a custom report to the teachers who have these students in their classrooms.

If you go to the "Reports" pull-down menu at the top of the page and select "Custom Student Reports," a new window will open.

No Reports Found
A

In this window, you will see that no custom student reports currently exist. If you click on the "Create Report" button, you can "Add a New Custom Report."

Suppose you want to provide, for each of your sixth grade teachers, a list of those male students who are at risk of not passing the sixth grade math and reading test at the end of the year.

Unit 2: Creating Custom Student Reports

Let's begin by creating a report for Mr. Jones and call it: "Jones At-Risk Males."

Title		
THE	Jones At Risk Males	

Once you've created that report, click the "Submit" button.

You now see a report named "Jones At-Risk Males" in the "Custom Student Reports" window.

J	ones At	Risk Male:	5	
			())	

Unit 2: Creating Custom Student Reports

The next step is to highlight that report and click on the "View/Edit Report" button. You will see that this report has "No students assigned."

Jones At Risk Males

No students assigned



Click the "Add Students" button. This step takes you to immediately back to the set of search criteria that you just created.

Click the "Search" button again from the bottom of your search criteria list. From this search, you will see the same list of 14 students that the system just generated. Now, those students have check boxes next to their names.

Add	Student	District	School nam	le Sex	Race	Grade	SPE	LEP	PA1	PA2
Г	Student 0	District 0	School 0	M	W	5	Y	N	39.0	30.2
F 84	Student 0	District 0	School 0	M	W	5	N	N	16.7	36.6
Г	Student 0	District 0	School 0	M	W	5	N	N	44.4	45.9
Г	Student 0	District 0	School 0	м	W	5	N	N	34.4	30.6
Г	Student 0	District 0	School 0	M	W	5	Y	N	22.4	28.7
Г	Student 0	District 0	School 0	M	W	5	Y	N	23.5	38.9
Г	Student 0	District 0	School 0	M	W	5	N	N	24.7	25.9
Г	Student 0	District 0	School 0	M	W	5	Y	N	31.6	41.5
Г	Student 0	District 0	School 0	M	W	5	N	N	39.1	40.9
Te.	Student 0	District 0	School 0	м	W	5	N	N	48.3	28.1
Г	Student 0	District 0	School 0	M	W	5	N	N	36.0	47.4
Г	Student 0	District 0	School 0	M	W	5	N	N	12.0	37.7
F	Student 0	District 0	School 0	M	W	5	N	N	37.3	41.8
Г	Student 0	District 0	School 0	M	W	5	Y	N	20.0	20.0
AI - Am ndian A - Asia B - Bla H - His W - Wh MR - M D - Oth J - Uni	encañ an ck panic ite lulti-Racial er known	SPE - Special I LEP - Limited E Proficiency	lect All	(Proficient) PA2 - Achie (Proficient)	Add Stud	Probabil Probabil	ity for 6	th OPT	Read	ing

Unit 2: Creating Custom Student Reports

If you check the five boxes that correspond to the students in Mr. Jones's class and click the "Add Students" button at the bottom of the page, you can see the following "Jones At-Risk Males" report with those five students added.



To give Mr. Jones online access to this list, go to the "Admin" menu at the top of the page and change Mr. Jones's access privileges to provide him access to this list.

Unit 3: School Search

Now, let's review the last of the value-added reports available to you-school search reports.

A school search is essentially a comparison across schools. This information can be useful if your district has a number of schools that serve the same grade levels or if your state's value-added system allows you to access school data across a number of school districts.

Unit 3: School Search

Let's begin back at the home page.

You can access the "School Search" through the "Reports" menu at the top of the page. Begin a school search by typing in the name of a particular school.

Because you're using anonymous practice data that designates schools by the word "School" followed by a number, you can type in "School" and click the "Search" button. A list of schools from this anonymous data set is produced.



In this sample data, 12 schools have "School" as part of their name. You need to identify one of these schools as a starting point. For the purposes of this exercise, click on "School 2" in District 1.

Unit 3: School Search

When you click this live link, you receive some interesting information. In this case, you'll see data related to School 2's performance in fourth grade math.

<i>∞</i> EVAAS	5	Home Search Cont	actUs Help Use	r Settings Logout	-0-n
Back Print			Repor	ts 🕨 Tests	Subjects
20	03 EVAAS De	emo School Sear	ch State Tes	t Math	
School Name: School 2		Grade Data: K-5			
% Disability: 11 %		Enrollment 503			
% Minority: 84 %		% Free/Reduced Price L	unch: 93 %		
find comparable schools All Schools Same D	select from these opti istrict only C Same P	ons and click Search: ool Only Grade: 4 💌			
% Disability:			Enrollment		
% Minority:		% Free/Red	uced Price Lunch:		
		Search D			
School	District	Cum Gain Index	Mean	Pred Mean	Gain
		Selected School			11.
School 2	District 1	5.3	5	4	5

From this report, you also are provided some demographic information about School 2:

- 11 percent of the students at School 2 have some type of disability.
- School 2 is 84 percent minority.
- School 2 serves a K-5 student population.
- Enrollment at School 2 is 503 students.
- 93 percent of the students at School 2 are eligible for free or reduced price lunch.

Unit 4: School Comparisons

If you want to make some comparisons to see how other schools with similar demographics are doing in terms of student growth in fourth grade math, you can perform a simple school search from the Web page described in Unit 3.

ØEVAA	S.	Home Search	Contact Us	Help User	Settings Logout	-n-n
Back Prin	t			Report	s 🕨 Tests	Subjects
20	003 EVAAS D	emo School	Search S	state Test	Math	
School Name: School 2		Grade Data: K-	5			
% Disability: 11 %		Enrollment 503	E.a.	42.512		
% Minority: 84 %		% Free/Reduce	d Price Lunch: 9	3 %		
All Schools Same I	s, select from these opt District only C Same F	ions and click Search fool Only Grade	4 •			
% Disability:			E	Enrollment:		
% Minority:		% F	ree/Reduced Pr	rice Lunch:		
		Search				
School	District	Cum Gain I	ndex	Mean	Pred Mean	Gain
1000		Selected Schoo	4			12112
School 2	District 1	5.3		5	4	5

First, set the search criteria. Begin by checking the box next to "% Disability." Because School 2 has 11 percent disability, ask the system to find all schools in the comparison pool that have between 0 percent and 25 percent disability.

Next, check the "% Minority" box. School 2 is 84 percent minority, so ask the system to find schools that have between 50 percent to 100 percent minority populations. Skip the "Enrollment" category for now because that variable isn't critical for this comparison.

Check the "% Free/Reduced Price Lunch" box. School 2 has 93 percent of its students on free or reduced lunches, so ask the system to find those schools that have between 50 percent and 100 percent of students on free and reduced lunches.

Unit 4: School Comparisons

Your completed set of school search criteria should look like the following:

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· Back · Print					Repo	rts 🕨 Test	s 🕨 Sub	ject
20	03 EVAAS	Demo S	chool s	Search S	tate Tes	t Math		
School Name: School 2		Grad	e Data: K-5					
% Disability: 11 %		Enro	liment 503					
% Minority: 84 %		% Fr	ee/Reduced	Price Lunch: 9	3 %			
All Schools ○ Same Di % Disability: betw	een 0 and	e Pool Only 25	Grade:	4 <u>•</u>	nrollment 🗆	habarra [50	and [10	0
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Now, click the "Search" button.

Unit 4: School Comparisons

9	EVAAS	5	Home	Search	Contact Us	Help	User Settin	gs Log	out	inn.
	Back Print		-		-	Re	ports	Tests	2	ubject
	20	03 EVAAS Der	no So	chool s	Search S	tate T	est Ma	th		
School N	ame: School 2		Grade	Data: K-5						
% Disabi	lity: 11 %		Enrollr	ment 503						
% Minorit	ty: 84 %		% Free	Reduced	Price Lunch: 9	3 %				
To find co All So % D	omparable schools chools C Same D isability: C betw	select from these option istrict only C Same Poo een 0 and 25	is and cli I Only	ck Search: Grade:	4 <u>•</u>	nrollment	. T			
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You'll find that, given the small number of schools represented on this practice site, only one other school fits all of your search criteria.

On the new portion at the bottom of the report, you will see data from School 2 and School 5.

Each school has a "Cum Gain Index." The **cumulative gain index** is obtained from dividing the school effect for a particular school by its associated standard error. By calculating the cumulative gain index for each school, the system places all of the schools on the same scale, which allows for an apples to apples comparison.

You'll see that the cumulative gain index for School 2 is 5.3, which means that in fourth grade math, students in School 2 had a school effect that was 5.3 times the standard error. For School 5 in District 2, the cumulative gain index is -1.9, which means that the fourth grade math students' school effect was -1.9 times the standard error.

Unit 4: School Comparisons

9	EVAAS		Home	Search	Contact Us	Help	User S	ettings	Logo	kut	inn.
_	Back Print					R	eports	🕨 Te	ests	Þs	iubject
	20	03 EVAAS Der	no So	chool s	Search S	tate 1	Test	Math			
School N	lame: School 2		Grade	Data: K-5							
% Disabi	ility: 11 %		Enrollr	ment: 503	2						
% Minori	ty: 84 %		% Free	Reduced	Price Lunch: 9	3 %					
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Next to the "Cum Gain Index" is a column labeled "Mean." The mean, in this case, is a designation of each school's average achievement level.

Each school is represented by a number from 1 to 5, with "1" representing the first quintile or the schools in the bottom 20 percent and "5" representing the fifth quintile or the schools in the top 20 percent.

The "Mean" and "Predicted Mean" columns show that School 2 was in the fifth, or the top quintile, in terms of actual achievement, but was only predicted to be in the fourth quintile.

School 5, on the other hand, was in the third quintile in terms of achievement, but was actually predicted to be in the fourth quintile. In terms of achievement, School 2 was outperforming its prediction and School 5 was underperforming its prediction.

The "Gain" column shows where a particular school is ranked in terms of its progress. School 2 was in the fifth quintile, while School 5 was in the second quintile. In terms of gain, School 2 was in the top 20 percent of schools while School 5 ranked somewhere between the 20th and 40th percentile.

the Tennessee Student Progress Portal > PM 123 > Unit 5: References > Page 1

Unit 5: References

The information in this course also is available in the "How to Navigate & Interpret Value-Added Reports" presentation and in the Quick Start Guide contained in Module IV of Battelle for Kids' value-added toolkit.

the Tennessee Student Progress Portal > PM 123 > Assessment > Posttest

Posttest

The following posttest will help you gauge your understanding of the objectives and content addressed in this course. Please answer each question and click "Submit, I'm Done." If you start the posttest, but cannot complete it during a session, click "Save & Return Later" at the bottom of the page.

To receive credit for this course, you must answer at least 7 of the 10 questions correctly. Upon submitting your answers, you will immediately see your test results and each question's correct answer. If you don't pass the first time, review the course content and attempt the test again. These questions are randomly selected from a larger pool to increase comprehension when you take the test more than once.

	Home Search Contact Us	Help User Settings Logout	
SEVAAS		Reports Tests	Subjects
Back Print	C Dama Cabaal Caraab C	Test Math	
2003 EVAA	S Demo School Search S	tate Test Math	
% Disability: 11 %	Enrollment 503	17.44	
To find comparable schools select from the	se online and click Search		
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% Minority: 🔽 between 50 ar	d 100 % Free/Reduced Pri	ice Lunch: 🖻 between 50 and	100
School District	Cum Gain Index	Mean Pred Mean	Gain
School 2 District 1	Selected School 5.3	5 4	5
School 2 District	Matching Schools (found: 2) 5.3	5 4	
School 5 District 2	-1.9	3 4	2 Required
√	ess, School 2 was ranked	I in the second quintil	le, between the 20th and 40th percentile.
 b. In terms of progre 	ess. School 2 was ranked	I in the top quintile	
c. In terms of actual	achievement. School 2 v	was ranked in the sec	cond quintile.
d In terms of actual	achievement, School 2 v	was ranked in the low	vest quintile
			voit quintile.
on 2			
Which of the following s	earch options is availal	ble in the student se	earch feature? Required
a. Demographics.			
b. Grade.			
C. Sex.			
d Race			
✓ ○ e All of the above			
on 3			
Where can you go to pe	rform a complex search	that will produce a	a list of students who conform to search criteria of your
Choosing ? Required			
a The "School Soo	rch" window		
Inc School Sea	arch" window.		
♥ ○ D. The Student Sea	dont Donorte" window		
d The "Search" win	dow		
Ou. The Search will	dow.		
on 4			
	tion which it i		
your district who are no	t on target to reach pro	ficiency level on the	e eighth grade reading test? Required
a Restrict Search h	N District and/or School	Sex and Projected P	Proficiency Level
	y District and/or School	Grade and Projected F	
h Restrict Search h			
b. Restrict Search b	y District and/or School,	and Grade	

Question 5

Why would you want to do a search for specific students who are not on target to pass a particular test? Required

- I a. So that you don't waste your time on students who have no chance of passing.
- b. So that you know from the beginning which students you should pay particular attention to in specific subject areas.
- C. So that you can provide extra help to the students who need it before they take a test.
- √
 ^o d. Both b and c.
 - e. None of the above.

Question 6

How many options are available in the student search feature if you choose to "Restrict Search by Sex?" Required

 $\sqrt{}$ \odot a. Three options—male, female, and unknown.

- b. Two options—male and female.
- C. Four options—male, female, unknown, and all.
- I. None of the above.

Question 7

What does the "Gain" column indicate on a school search report? Required

- a. Where students in a particular school scored in terms of actual achievement.
- U is where a particular school is ranked in terms of its progress.
 - C. A designation of each school's average achievement level.
 - d. Both b and c.
 - e. None of the above.

Question 8

How can you find out how other schools with similar demographics are doing in terms of student growth? Required

- a. Simply click "Search" after accessing your school's report from the school search feature and the work is done for you.
- b. You have to search manually for the schools you know have similar demographics.
- √ . Set the search criteria in the school search feature to find comparable schools with similar demographics.
 - Od. All of the above.

Question 9

Where must you go to access the school search feature? Required

- - b. The "Student Search" feature.
 - c. The "User Settings" menu.
 - Od. The "Custom Student Report" feature.

Question 10

What information is found in the "PA" columns on the right side of this report?

and the second s	Student	District	School name	Sex	Race	Grade	SPE	LEP	PA1	PA2
F	Student 0	District 0	School 0	M	W	5	Y	N	39.0	30.2
FR	Student 0	District 0	School 0	M	W	5	N	N	16.7	36.6
Г	Student 0	District 0	School 0	M	W	5	N	N	44.4	45.9
FI	Student 0	District 0	School 0	M	W	5	N	N	34.4	30.6
F	Student 0	District 0	School 0	M	W	5	Y	N	22.4	28.7
F	Student 0	District 0	School 0	M	W	5	Y	N	23.5	38.9
F	Student 0	District 0	School 0	M	W	5	N	N	24.7	25.9
FI	Student 0	District 0	School 0	м	w	5	Y	N	31.6	41.9
FI	Student 0	District 0	School 0	M	W	5	N	N	39.1	40.9
F	Student 0	District 0	School 0	М	W	5	N	N	48.3	28.1
Г	Student 0	District 0	School 0	M	w	5	N	N	36.0	47.4
F	Student 0	District 0	School 0	м	W	5	N	N	12.0	37.7
Г	Student 0	District 0	School 0	M	w	5	N	N	37.3	41.8
									and the second second	1000
I - Am idian - Asia	Student 0 erican S L In F	District 0 SPE - Special E LEP - Limited E Proficiency	School 0 Education PA nglish (Pr PA	M 1 - Achie roficient) 2 - Achie	w evement evement	5 Probabil Probabil	Y ity for 6 ity for 6	N th OPT th OPT	20.0 Math	20.0
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the Tennessee Student Progress Portal > PM 123 > Assessment > Application & Knowledge

Application & Knowledge

NOTE: Please read all directions carefully before proceeding to ensure that your responses are properly saved.

The following extended-response questions will allow you to reflect on course content and consider how you will apply this learning to your work.

Type your response into the space provided. Space for responding is unlimited. Please contact your administrator if you are unsure about how long your responses should be. If you want to save your work, but are not yet ready to submit your responses, click "Save & Return Later."

Once ready to submit your final responses, click "Submit, I'm Done." You will no longer be able to edit your answers.

Your administrators may choose to review responses to these questions and provide feedback as part of your learning experience.

Activity 1

Reflect on the following questions relative to this course's content.

How might your school use the student search feature to think about changes in the instructional program?

How might your school use the school search feature to productively connect with other schools within your school district? Required

Activity 2

Respond to the following scenario and related question based on knowledge gained from this course.

Your school did a student search to identify 35 students who are not on track to being proficient in math at the end of eighth grade. Some students on the list are in seventh grade and some students on the list are eighth graders. How might you use this information to increase the probability of these students reaching proficiency? Required

Activity 3

When you are setting your student search criteria relative to the projected proficiency level, under what circumstances might you use the "and" option to narrow your search and under what circumstances might you use the "or" option to broaden your search? Required

Activity 4

Two kinds of reports provide comparisons across district schools—summary reports and school search reports.Under what circumstances would you use a summary report and under which circumstances would you use a school search report? Required

Activity 5

Outline your plans to receive more training and gather further resources or materials for understanding and using value-added analysis. Required