

4

Calculate the Percentage of the Total Possible Points for Identified Power Standards

Insert for Process Step 4

- Now that you have identified the “big ticket” areas and power standards for each subject area, let’s calculate the percentage of the subject area score that these account for. We’ll go through an example using 3rd grade reading. You will still be using the Score Distribution pages of the report. Remember to do these calculations using your data.

Grade 03 Fall 2012 Reading Score Distribution

MULTIPLE CHOICE and CONSTRUCTED RESPONSE								
GLCE Code	Domain Abbreviated GLCE Descriptor	No. of Students Assessed	Mean Points	Points Possible	Perc			
					0	1	2	3
	Word Recognition & Word Study	58	1.6	3				
R.WS.02.11	Determine meaning of words and phrases in context	58	1.6	3	10	38	33	19
	Narrative Text	58	4.6	9				
R.NT.02.02	ID/describe variety of narrative/fiction genre	58	0.5	9		50		
R.NT.02.03	ID/describe characters/setting/problem/sequence	58	2.9	5	3	10	31	16
R.NT.02.04	ID/explain how authors/illust. use literary devices	58	1.2	3	22	43	29	5
	Informational Text	58	1.3	3				
R.IT.02.01	ID/describe a variety of informational genre	58	0.4	1	59	41		
R.IT.02.02	Discuss informational text patterns	58	0.4	1	59	41		
R.IT.02.03	Explain how authors/illustrators use text features	58	0.4	1	57	43		
	Comprehension	58	8.7	18				
R.CM.02.02	Retell main idea(s), relevant details of text	58	2.9	18		12	22	24
R.CM.02.03	Compare/contrast relationships within/across texts	58	5.7	11	0	2	5	17

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- First, add the points possible for the domains, focal points and disciplines identified in the previous step. For reading, the total points possible for the domains Narrative Text and Comprehension add up to 27.

$$9 + 18 = 27$$

- b. Next, add the total points possible for all of the reading domains, i.e., Narrative Text, Comprehension, Word Recognition and Informational Text. The possible points for all four reading domains add up to 33.

$$3 + 9 + 3 + 18 = 33$$

- c. Use a calculator to divide the total from Step 4a by the total from Step 4b to calculate the percentage of the total score that the identified domains are worth. You can multiply your answer by 100 to get it into a percent format.

$$1) 27/33 = .82 \qquad 2) .78 \times 100 = 82\%$$

- d. Therefore, assessment items related to the two highlighted power standards make up 82% of the score for the Reading portion of the MEAP!
2. Do the calculations the same way for each subject area assessed at your grade level.
 3. Repeat these steps for Students with Disabilities and All Except Students with Disabilities, if appropriate to your situation. This data is found on pages 3 – 6 of the Summary Report. Remember that data for subgroups will only show when there are 10 or more students tested.
 4. Locate the Elementary School Power Standards Summary document in the inserts to view all of the big ticket domains, disciplines and focal points at the elementary level since 2009. You'll see that although the percentages may have changed slightly, the areas have remained relatively consistent. You'll also notice that in most of the cases the percentages account for 45% or more of the total score! Thinking ahead...where do you think you should spend more instructional time?