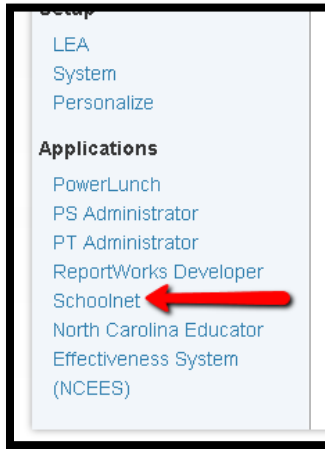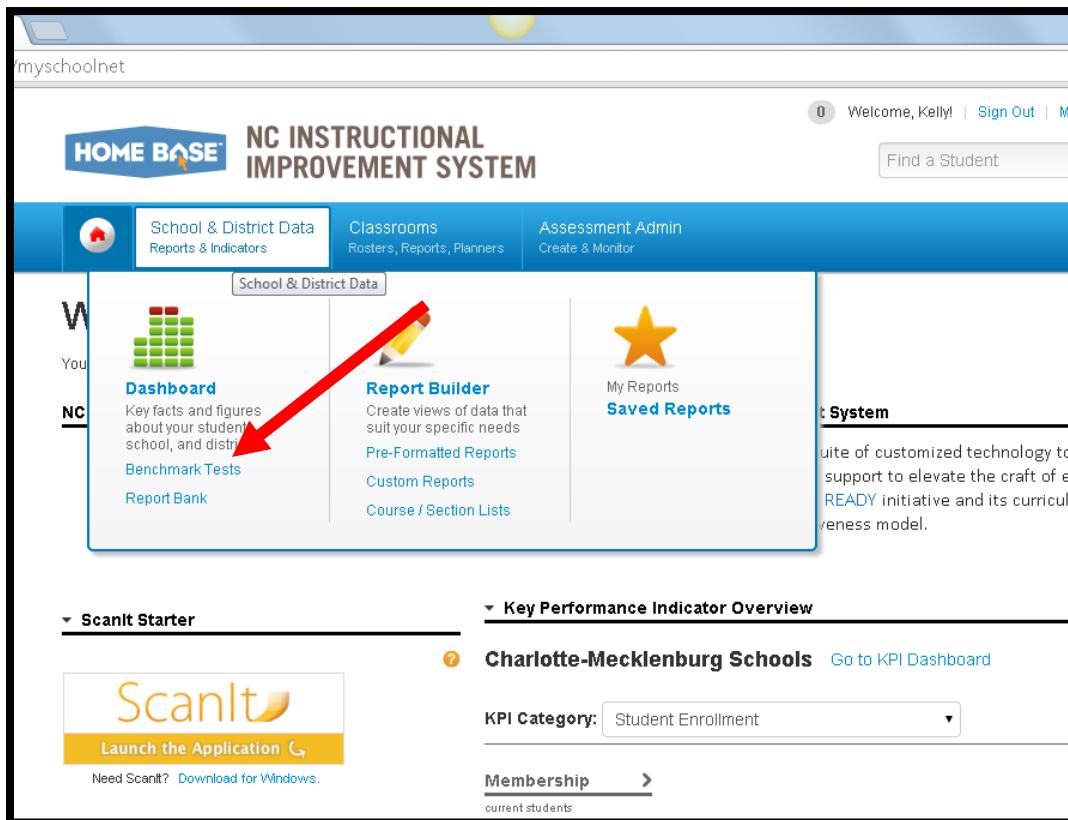# Data Analysis of an Assessment in Schoolnet

Step 1: Sign in to PowerSchool with your username and password.

Step 2: Select Schoolnet, which is located on the bottom, left side of the screen.

Step 3: Drag your cursor over "School & District Data" and select "Benchmark Tests" in order to get to the test.

Step 4: A list of available assessments will populate.

Step 5: Hold the cursor over the bar graph next to the assessment. The bar graph represents the average score. When the cursor hovers over the bar a box will appear. The box informs the user of the number of students who took the assessment, the average points scored, and the points possible.

Step 6: Click on the bar graph and additional information will appear below the assessment.

Step 7: Clicking on "Item Analysis" will open a new screen with a break-down of the assessment.

Student Responses

Question - Type	Correct		Incorrect		Most Common Mistake		Point Value	Points Achieved / Possible	P-Value/ Item Mean	Discrimination
	Rate	Value	Total Rate	Rate	Value					
1 - Multiple Choice	94%	D	6%	3%	A	1.00	205 / 219	0.94	0.37
2 - Multiple Choice	78%	D	22%	10%	A	1.00	170 / 219	0.78	0.59
3 - Multiple Choice	12%	D	88%	36%	A	1.00	27 / 219	0.12	0.18
4 - Multiple Choice	5%	D	95%	41%	B	1.00	11 / 219	0.05	0.12
5 - Multiple Choice	88%	C	12%	5%	B	1.00	193 / 219	0.88	0.47
6 - Multiple Choice	83%	A	17%	8%	D	1.00	182 / 219	0.83	0.60
7 - Multiple Choice	29%	C	71%	39%	B	1.00	63 / 219	0.29	0.30
8 - Multiple Choice								0.72	0.55
9 - Multiple Choice								0.60	0.48
10 - Multiple Choice								0.59	0.60
11 - Multiple Choice								0.35	0.26
12 - Multiple Choice								0.64	0.52
13 - Multiple Choice								0.40	0.42
14 - Multiple Choice								0.49	0.68
15 - Multiple Choice								0.55	0.62
16 - Multiple Choice								0.58	0.56
17 - Multiple Choice								0.56	0.48
18 - Multiple Choice								0.31	-0.04
19 - Multiple Choice	32%	B	68%	30%	D	1.00	69 / 219	0.31	0.29
20 - Multiple Choice	29%	C	71%	32%	A	1.00	63 / 219	0.29	0.40

This example demonstrates how students performed on Question #4. Only 5% of the students got the question correct. The correct answer was "D" but 41% of the students picked "B" for that question. Clicking on "Multiple Choice" opens an additonal screen.

Item Detail with Distribution of Student Responses 🖨 ❓

‹ Back to Benchmark Test Item Analysis

Student Item Response: Item 4 of 25

Previous Item | Next Item

Question & Answer Content

A
B
C
D ⬛ « Correct answer

Response Distribution Fields

219 test-taking students included in this report :

Answer Choice	District
A	36.99% (81/219)
B Most common error	41.10% (90/219)
C	15.98% (35/219)
D Correct	5.02% (11/219)
No Response	0.91% (2/219)

Standard(s)

This question measures student mastery of the following standards:

Standards Document Common Core State Standards: K-12 Mathematic

ID CCSS.Math.Content.7.G.A.1 [M]

Primary Standard Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.

This question was connected to the standard listed in this section. Clicking on the "M" will open a screen with additional resources (lessons, assessments, units, etc.) for instructional support.

CCSS.Math.Content.7.G: Geometry	Curricula	Instructional Units	Lesson Plans	Assessments	Resources	External Resources
CCSS.Math.Content.7.G: Geometry	0	4	37	3	27	0
CCSS.Math.Content.7.G.A: Draw, construct, and describe geometrical figures and describe the relationships between them.	0	1	15	1	14	0
CCSS.Math.Content.7.G.A.1: Solve problems involving scale drawings of geometric figures, including computing actual lengths and areas from a scale drawing and reproducing a scale drawing at a different scale.	1	1	8	1	7	0

Step 8: Clicking on "Standard by School" will open a new screen with a break-down of the assessment.

District and School-wide Totals

Institution	No. of students	Overall	CCSS.Math.Content.7.G	CCSS.Math.Content.7.NS	CCSS.Math.Content.7.RP
Charlotte-Mecklenburg Schools Total	219	48.9%	60.0%	46.0%	44.2%
Coulwood Middle Total	219	48.9%	60.0%	46.0%	44.2%

Standards Tested and Items Aligned

Standard	Aligned Test Items	Description
CCSS.Math.Content.7.G	1 , 2 , 3 , 4 , 5 , 6	Geometry
CCSS.Math.Content.7.NS	7 , 8 , 9 , 10 , 11 , 12 , 13 , 21 , 22 , 23 , 24 , 25	The Number System
CCSS.Math.Content.7.RP	14 , 15 , 16 , 17 , 18 , 19 , 20	Ratios and Proportional R...

The standards are listed with the questions connected to them. As with the Item Analysis, clicking on the question number will result in additional resources. All blue items are hot links that can be opened.

If you need further assistance or have additional questions, please send an email to datatools@cms.k12.nc.us.