

# Item Analysis

The Item Analysis report is a question by question analysis of a local assessment. This report enables you to determine the level of mastery of all of the standards tested on a given test.



**How to access:** Click on the A+ icon and then Item Analysis under Leading Indicators

Progress Monitoring

Lagging Indicators	Leading Indicators
<a href="#">AYP Accelerator</a>	<a href="#">Item Analysis</a>
<a href="#">Ranking Report</a>	<a href="#">Ranking by Benchmark</a>
<a href="#">Cohort Comparison</a>	<a href="#">Student Item Analysis</a>
<a href="#">Subject Strand</a>	<a href="#">Scores by Test</a>

Row Count: 7

Test	Test ID	Score	# of Students
<a href="#">M07 BMT3 2008-09</a>	2012625	75%	68
<a href="#">M07BMA1 2008-09</a>	2010173	61%	64
<a href="#">M07BMT2</a>	2011457	77%	66
<a href="#">R07BMT1 2008-09</a>	2010110	73%	64
<a href="#">R07BMT2</a>	2011450	80%	64
<a href="#">R07BMT3 2008-09</a>	2010305	86%	68
<a href="#">S07 BMT3 2008-2009</a>	2012742	59%	67

Row Count: 7

**How to Read:** The first page of the Item Analysis report gives you a listing of all local assessments that your students have taken.

The Score column represents the score achieved for the selected group of students. In this case, my 66 students scored a 77% on the M07BMT2 Math assessment.

✓ Click on the **Blue** test name to access the analysis of this test.

Item Analysis - M07BMT2	
# of Questions: 44	Mastery Level: 70%
# of Students: 66	Threshold Level: 50%
Test Difficulty:	
Easy: 16% (7/44) Average: 68% (30/44) Challenging: 16% (7/44)	

### The header of the Item Analysis report includes:

- Export icon – Can export this report to a pdf
- Test name
- Number of questions on the assessment
- Number of students in this analysis
- Mastery level – district set level of proficiency
- Threshold level – district set level of passing
- Test Difficulty – Based on the number of students that answered questions correctly

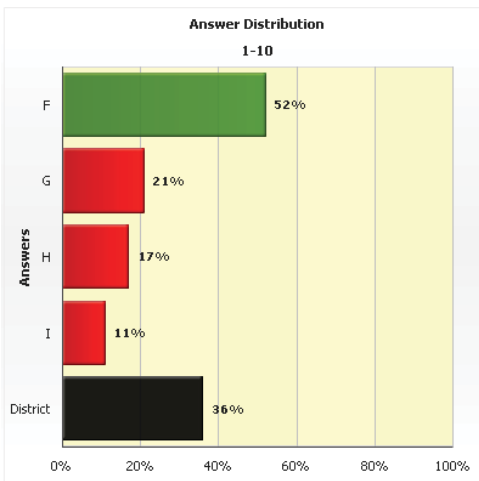
# ITEM ANALYSIS

Q #	Type	Poss	✓	✗	Benchmark
<a href="#">1-1 (h)</a>	E/SR	1	97% ( 64)	3% ( 2)	MA.B.1.3.4
<a href="#">1-2 (i)</a>	A/SR	1	91% ( 60)	9% ( 6)	MA.B.2.3.2
<a href="#">1-3 (a)</a>	A/SR	1	74% ( 49)	26% ( 17)	MA.C.1.3.1
<a href="#">1-4 (a)</a>	A/SR	1	77% ( 51)	23% ( 15)	MA.E.2.3.1
<a href="#">1-5 (a)</a>	A/SR	1	86% ( 57)	14% ( 9)	MA.E.1.3.1
<a href="#">1-6 (i)</a>	E/SR	1	97% ( 64)	3% ( 2)	MA.A.2.3.1
<a href="#">1-7 (d)</a>	A/SR	1	86% ( 57)	14% ( 9)	MA.A.3.3.3
<a href="#">1-8 (h)</a>	A/SR	1	82% ( 54)	18% ( 12)	MA.C.3.3.1
<a href="#">1-9 (c)</a>	A/SR	1	79% ( 52)	21% ( 14)	MA.C.1.3.1
<a href="#">1-10 (f)</a>	C/SR	1	52% ( 34)	48% ( 32)	MA.C.2.3.1
<a href="#">1-11 (b)</a>	A/SR	1	95% ( 63)	5% ( 3)	MA.E.1.3.2
<a href="#">1-12 (h)</a>	A/SR	1	67% ( 44)	33% ( 22)	MA.A.4.3.1
<a href="#">1-13 (d)</a>	A/SR	1	94% ( 62)	6% ( 4)	MA.E.3.3.1
<a href="#">1-14 (h)</a>	C/SR	1	62% ( 41)	38% ( 25)	MA.B.1.3.1
<a href="#">1-15 (a)</a>	A/SR	1	82% ( 54)	18% ( 12)	MA.D.2.3.2
<a href="#">1-16 (i)</a>	A/SR	1	76% ( 50)	24% ( 16)	MA.B.1.3.2
<a href="#">1-17 (d)</a>	A/SR	1	82% ( 54)	18% ( 12)	MA.B.1.3.4
<a href="#">1-18 (f)</a>	A/SR	1	86% ( 57)	14% ( 9)	MA.C.3.3.1
<a href="#">1-19 (d)</a>	E/SR	1	94% ( 62)	6% ( 4)	MA.A.3.3.1
<a href="#">1-20 (h)</a>	A/SR	1	82% ( 54)	18% ( 12)	MA.D.1.3.2
<a href="#">1-21 (c)</a>	A/SR	1	82% ( 54)	18% ( 12)	MA.D.1.3.1
<a href="#">1-22 (a)</a>	E/SR	1	95% ( 63)	5% ( 3)	MA.B.1.3.4

## How to Read:

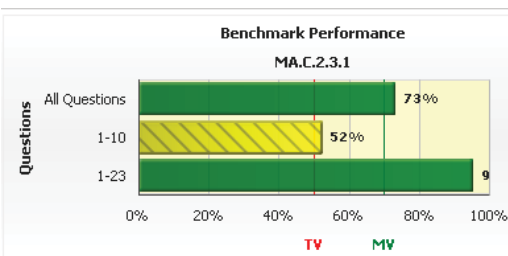
<u>Column</u>	<u>Description</u>
<b>Q #</b>	Section, Question # and correct answer
<b>Type</b>	Level of Difficulty and question type (SR=selected response, BCR=brief constructed response, ER=extended response)
<b>Poss</b>	Points possible for that question
<b>✓</b>	% and number of points correct
<b>X</b>	% and number of points incorrect
<b>Benchmark</b>	Standard that the question was aligned to

✓ [Click on a question number to see an answer distribution](#)



I can see that 52% of my students answered “F”, the correct answer.

I also see that my students outperformed the district on this question as they scored 36%.



The graph at the left shows that there were two questions, #10 and #23 that were aligned to this benchmark.

I can also see that these students did much better on question #23.

# ITEM ANALYSIS - Graphs



The graph at left indicates:

**Red:** Students did not meet threshold set by district

**Yellow:** Students have met threshold but not yet mastered standard tested

**Green:** Students have met mastery level set by the district

Student Results			
Test:	M07BMT2		
Benchmark:	MA.B.1.3.1		
Page 1 of 2 <span style="float: right;">Row Count: 66</span>			
Student	Earned	Poss	% Correct
95249114, Student	0	3	0%
94504036, Student	3	3	100%
4748327, Student	3	3	100%
4748268, Student	0	3	0%
4731561, Student	3	3	100%
4731439, Student	2	3	67%

✓ Click on a bar to see a student-by-student listing of performance for that benchmark or standard tested

## Questions to Ask:

- Is there a particular benchmark or standard that my students are struggling with?
- How many questions were aligned to that standard?
- How did my students perform on a particular question as compared to the district?
- Who are the individual students that may need remediation on a particular benchmark or standard?
- How did my students perform on this assessment vs. other assessments given?
- Show me all the assessments in which my students did not meet the threshold.