

Michigan Merit Examination (MME)

Overview, Update,
and

Understanding Your Reports

**Assessment and Accountability
Conference 2009**

Objective

- ◆ Overview of the MME Assessment Design
- ◆ How to read, understand, and use MME reports
- ◆ Changes for Spring 2010

MME Components

Day 1 – ACT Plus Writing

Day 2 – WorkKeys components

Day 3 – Michigan components

Why ACT, WorkKeys, and Michigan components?

- ◆ State Legislation
- ◆ Alignment of MME to HSCE
- ◆ To meet federal accountability standards for No Child Left Behind

MME Reading Score

- ◆ ACT Reading - Day 1
40 multiple choice – selected items
- ◆ WorkKeys Reading for Information - Day 2
33 multiple choice – selected items

MME Writing Score

- ◆ ACT English – Day 1
 - 75 multiple choice – selected items
- ◆ ACT Writing – Day 1
 - Constructed Response (12 points)

MME ELA Score

ELA Scale Score =

Average of

the MME Reading Scale Score
and MME Writing Scale Score

MME Mathematics Score - Spring 2009

- ◆ ACT Mathematics – Day 1
60 multiple choice – selected items
- ◆ WorkKeys Applied Mathematics – Day 2
33 multiple choice – selected items
- ◆ WorkKeys Locating Information – Day 2
38 multiple choice – selected items
- ◆ Michigan Mathematics – Day 3
34 multiple choice – 20 operational items

MME Science Score

- ◆ ACT Science – Day 1
 - ◆ 40 multiple choice – selected items
- ◆ Michigan Science – Day 3
 - ◆ 49 multiple choice – 32 operational items

MME Social Studies Score

- ◆ WorkKeys Locating Information – Day 2
 - ◆ 38 multiple choice – selected items
- ◆ Michigan Social Studies – Day 3
 - ◆ 42 multiple choice – 28 operational items

MME Reporting

- ◆ Three levels of reporting
 - ACT score reports
 - College reportable
 - Non – college reportable
 - WorkKeys score reports
 - NCRC eligibility
 - MME score reports
 - Michigan Promise eligibility

MME Reports


The logo for the Michigan Merit Examination, featuring the lowercase letters 'mme' in a bold, black, cursive font.

Michigan Merit Examination

Guide to Reports

Spring 2009



MME Reports

- ◆ New for Spring 2009
 - Green Option
 - ◆ Selected by District or Default
 - ◆ Paper Reports
 - Individual Student level
 - ◆ All Reports – OEAA Secure Site

MME Report Types

Individual Student Data

- Parent Report
- Individual Student Report (ISR)
- Student Labels
- Student Rosters by Subject

MME Report Types

Aggregate Data

- Summary reports
 - School, District, State level
- Demographic reports
 - School, District, State level
- Comprehensive report
 - District, ISD level

MME Individual Student Report (ISR)

- ◆ Includes all subjects
- ◆ Student demographics
- ◆ Includes overall MME scores for each subject
 - Scale scores
 - Performance levels

MME Individual Student Report (ISR)

- ◆ Includes sub-scores
 - Points possible within each standard
 - Constructed response score included in W1.3 Purpose and Audience

- ◆ Includes ACT and WorkKeys scores



INDIVIDUAL STUDENT REPORT



District Name: SAMPLE DISTRICT XXXXXXXXXXXXXXXXXXXXXXXXXXXX 00214
 District Code: 99999

Grade 11
 Spring 2009

School Name : SAMPLE SCHOOL XXXXXXXXXXXXXXXXXXXXXXXX 00209
 School Code : 99999

Student Name: LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I.
 District Student ID: 09876543210987654321 State UIC: 1234567890
 English Language Learner: N Formerly LEP: N SpecEd: N
 Date of Birth: 11/21/1991 Gender: F Ethnicity: White, not of Hispanic Origin (5)

Subject	Scale Score	Performance Level	Subject	Scale Score	Performance Level
MME Total ELA	1086	3-Partially Proficient	MME Mathematics	1064	4-Not Proficient
• MME Reading	1094	3-Partially Proficient	MME Science	1093	3-Partially Proficient
• MME Writing	1077	3-Partially Proficient	MME Social Studies	1089	3-Partially Proficient

Michigan Merit Examination Subscores	Earned / Possible Points	Scale Score	Performance Level
MME Total English Language Arts Accommodations: None		1086	3-Partially Proficient
MME Reading Accommodations: None		1094	3-Partially Proficient
Subscores:			
R2.1 Strategy Development	8 / 22		
R2.2 Meaning Beyond Literal	7 / 12		
R2.3 Independent Reading	7 / 10		
L3.1 Close Literature Reading	1 / 5		
MME Writing Accommodations: None		1077	3-Partially Proficient
Subscores:			
W1.1 Writing Process	15 / 30		
W1.3 Purpose and Audience	7 / 20		
ACT Writing score *	4 / 12		
MME Social Studies Accommodations: None		1089	3-Partially Proficient
Subscores:			
History	4 / 7		
Geography	3 / 7		
Civics	4 / 7		
Economics	2 / 7		
Inquiry	4 / 6		

Michigan Merit Examination Subscores	Earned / Possible Points	Scale Score	Performance Level
MME Mathematics Accommodations: None		1064	4-Not Proficient
Subscores:			
L1 Reasoning about Numbers	4 / 7		
L2 Calculations, Algorithms	7 / 14		
L3 Math Reasoning, Logic & Proof	0 / 3		
A1 Expressions & Equations	4 / 10		
A2 Functions	0 / 6		
A3 Families of Functions	0 / 5		
G1 Figures & Properties	2 / 16		
G2 Relationships between Figures	0 / 2		
G3 Transformations of Figures	1 / 1		
S1 Univariate Data: Distributions	2 / 7		
S2 Bivariate Data: Relationships	1 / 1		
S4 Probability Models, Operations	0 / 1		
MME Science Accommodations: None		1093	3-Partially Proficient
Subscores:			
R1 Inquiry and Reflection	9 / 22		
E2 Earth Systems	1 / 2		
E3 The Solid Earth	1 / 2		
E4 The Fluid Earth	0 / 2		
E5 Earth in Space and Time	1 / 2		
B2 Organization of Living Systems	2 / 2		
B3 Living Systems and Environment	1 / 2		
B4 Genetics	1 / 2		
B5 Evolution and Biodiversity	2 / 2		
P2 Motion of Objects	1 / 2		
P3 Forces and Motion	0 / 2		
P4a Energy Part a	1 / 2		
P4b Energy Part b	0 / 2		
C23 Energy Transfer and Conservation	1 / 2		
C4 Properties of Matter	2 / 2		
C5 Changes in Matter	0 / 2		

ACT				WorkKeys	
Component	Score	Component	Score	Component	Level Score
English	16	Composite	16	Reading for Information	5
Mathematics	15	English/Writing	14	Applied Mathematics	5
Reading	15	Writing	4	Locating Information	5
Science	19				

* The ACT Writing score is included in the W1.3 Purpose and Audience subscore data.



INDIVIDUAL STUDENT REPORT



Grade 11
Spring 2009

School Name : SAMPLE SCHOOL XXXXXXXXXXXXXXXXXXXX 00209
School Code : 99999

District Name: SAMPLE DISTRICT XXXXXXXXXXXXXXXXXXXX 00214
District Code: 99999

Student Name: LnameXXXXXXXXXXXX, FnameXXXXXXXXXXXX I.
District Student ID: 09876543210987654321 State UIIC: 1234567890
English Language Learner: Y Formerly LEP: N SpecEd: N
Date of Birth: 12/28/1991 Gender: M Ethnicity: Hispanic (4)

Subject	Scale Score	Performance Level	Subject	Scale Score	Performance Level
MME Total ELA	1096	3-Partially Proficient	MME Mathematics	1082	4-Not Proficient
• MME Reading	1111	2-Proficient	MME Science	1090	3-Partially Proficient
• MME Writing	1081	3-Partially Proficient	MME Social Studies	1092	3-Partially Proficient

Michigan Merit Examination Subscores	Earned / Possible Points	Scale Score	Performance Level
MME Total English Language Arts		1096	3-Partially Proficient
Accommodations: None			
MME Reading		1111	2-Proficient
Accommodations: None			
Subscores:			
R2.1 Strategy Development	11 / 22		
R2.2 Meaning Beyond Literal	7 / 12		
R2.3 Independent Reading	9 / 10		
L3.1 Close Literature Reading	1 / 5		
MME Writing		1081	3-Partially Proficient
Accommodations: None			
Subscores:			
W1.1 Writing Process	14 / 30		
W1.3 Purpose and Audience	7 / 20		
ACT Writing score *	6 / 12		
MME Social Studies		1092	3-Partially Proficient
Accommodations: None			
Subscores:			
History	4 / 7		
Geography	4 / 7		
CMCs	2 / 7		
Economics	5 / 7		
Inquiry	3 / 6		

Michigan Merit Examination Subscores	Earned / Possible Points	Scale Score	Performance Level
MME Mathematics		1082	4-Not Proficient
Accommodations: None			
Subscores:			
L1 Reasoning about Numbers	4 / 7		
L2 Calculations, Algorithms	7 / 14		
L3 Math Reasoning, Logic & Proof	1 / 3		
A1 Expressions & Equations	4 / 10		
A2 Functions	2 / 6		
A3 Families of Functions	2 / 5		
G1 Figures & Properties	3 / 16		
G2 Relationships between Figures	1 / 2		
G3 Transformations of Figures	0 / 1		
S1 Univariate Data: Distributions	0 / 7		
S2 Bivariate Data: Relationships	0 / 1		
S4 Probability Models, Operations	0 / 1		
MME Science		1090	3-Partially Proficient
Accommodations: None			
Subscores:			
R1 Inquiry and Reflection	11 / 22		
E2 Earth Systems	1 / 2		
E3 The Solid Earth	0 / 2		
E4 The Fluid Earth	0 / 2		
E5 Earth in Space and Time	1 / 2		
B2 Organization of Living Systems	1 / 2		
B3 Living Systems and Environment	0 / 2		
B4 Genetics	2 / 2		
B5 Evolution and Biodiversity	0 / 2		
P2 Motion of Objects	1 / 2		
P3 Forces and Motion	0 / 2		
P4a Energy Part a	1 / 2		
P4b Energy Part b	1 / 2		
C23 Energy Transfer and Conservation	0 / 2		
C4 Properties of Matter	2 / 2		
C5 Changes in Matter	1 / 2		

ACT™				WorkKeys	
Component	Score	Component	Score	Component	Level Score
English	11	Composite	15	Reading for Information	4
Mathematics	16	English/Writing	12	Applied Mathematics	4
Reading	16	Writing	6	Locating Information	4
Science	18				

** ACT scores are not college reportable as a result of using state-allowed accommodations not approved by ACT.
* The ACT Writing score is included in the W1.3 Purpose and Audience subscore data.

Administration Type

- ◆ Same number of points per standard – All administration types
- ◆ No longer affects reporting
- ◆ Effective Spring 2009 MME

Accommodation Type

- ◆ None
- ◆ Standard
- ◆ Nonstandard
 - Strand Level Raw Score Data
 - No Scale Score
 - No Performance Level
 - No valid MME Score
 - Does not count as tested



INDIVIDUAL STUDENT REPORT



Grade 11
Spring 2009

School Name : SAMPLE SCHOOL XXXXXXXXXXXXXXXXXXXX 0005
School Code : 99999

District Name: SAMPLE DISTRICT XXXXXXXXXXXXXXXXXXXX 00214
District Code: 99999

Student Name: LnameXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXX I.
District Student ID: 08876543210887654321 State UIIC: 1234567890
English Language Learner: Y Formerly LEP: N SpecEd: Y
Date of Birth: 11/01/1990 Gender: F Ethnicity: White, not of Hispanic Origin (5)

Subject	Scale Score	Performance Level	Subject	Scale Score	Performance Level
MME Total ELA	NA	NA ***	MME Mathematics	NA	NA ***
• MME Reading	NA	NA ***	MME Science	NA	NA ***
• MME Writing	NA	NA ***	MME Social Studies	NA	NA ***

Michigan Merit Examination Subscores	Earned / Possible Points	Scale Score	Performance Level
MME Total English Language Arts Accommodations: NonStandard ***		NA	NA
MME Reading Accommodations: NonStandard ***		NA	NA
Subscores:			
R2.1 Strategy Development	7 / 22		
R2.2 Meaning Beyond Literal	3 / 12		
R2.3 Independent Reading	8 / 10		
L3.1 Close Literature Reading	2 / 5		
MME Writing Accommodations: NonStandard ***		NA	NA
Subscores:			
W1.1 Writing Process	12 / 30		
W1.3 Purpose and Audience	10 / 20		
ACT Writing score *	7 / 12		
MME Social Studies Accommodations: NonStandard ***		NA	NA
Subscores:			
History	1 / 7		
Geography	2 / 7		
Civics	1 / 7		
Economics	2 / 7		
Inquiry	4 / 6		

Michigan Merit Examination Subscores	Earned / Possible Points	Scale Score	Performance Level
MME Mathematics Accommodations: NonStandard ***		NA	NA
Subscores:			
L1 Reasoning about Numbers	4 / 7		
L2 Calculations, Algorithms	9 / 14		
L3 Math Reasoning, Logic & Proof	1 / 3		
A1 Expressions & Equations	1 / 10		
A2 Functions	0 / 8		
A3 Families of Functions	0 / 5		
G1 Figures & Properties	2 / 16		
G2 Relationships between Figures	0 / 2		
G3 Transformations of Figures	1 / 1		
S1 Univariate Data: Distributions	2 / 7		
S2 Bivariate Data: Relationships	1 / 1		
S4 Probability Models, Operations	1 / 1		
MME Science Accommodations: NonStandard ***		NA	NA
Subscores:			
R1 Inquiry and Reflection	6 / 22		
E2 Earth Systems	1 / 2		
E3 The Solid Earth	0 / 2		
E4 The Fluid Earth	2 / 2		
E5 Earth in Space and Time	0 / 2		
B2 Organization of Living Systems	1 / 2		
B3 Living Systems and Environment	1 / 2		
B4 Genetics	1 / 2		
B5 Evolution and Biodiversity	1 / 2		
P2 Motion of Objects	1 / 2		
P3 Forces and Motion	0 / 2		
P4a Energy Part a	0 / 2		
P4b Energy Part b	2 / 2		
C23 Energy Transfer and Conservation	1 / 2		
C4 Properties of Matter	0 / 2		
C5 Changes in Matter	0 / 2		

ACT				WorkKeys	
Component	Score	Component	Score	Component	Level Score
English	10	Composite	11	Reading for Information	4
Mathematics	12	English/Writing	12	Applied Mathematics	5
Reading	12	Writing	7	Locating Information	5
Science	11				

NA - Score Data are unavailable in this subject for this student because valid data for one or more components of the subject are not available. See Guide to Reports for more information.

*** Student does not count as assessed due to a nonstandard accommodation.

* The ACT Writing score is included in the W1.3 Purpose and Audience subscore data.

MME Score – NA

- ◆ Nonstandard Accommodation
- ◆ Student Prohibited Behavior
- ◆ Test Misadministration
- ◆ Not Attempted
 - Did not take all required components for subject score
 - Incomplete assessment for a subject
- ◆ Missing Test Form Number

MME Parent Report

- ◆ Shipped to schools for distribution to Parent/Guardian
- ◆ MME Scores for all subjects
- ◆ Michigan Promise eligibility
- ◆ ACT and WorkKeys scores
 - College Readiness benchmarks
 - NCRC eligibility information



District 99999 - SAMPLE DISTRICT XXXXXXXXXXXXXXXXXXXXXXXXXXXX 00214
 School 99999 - SAMPLE SCHOOL XXXXXXXXXXXXXXXXXXXXXXXXXXXX 00209

What is the Michigan Merit Examination?

The Michigan Merit Examination (MME) includes three major components: the ACT college entrance examination, WorkKeys job skills assessments, and Michigan developed assessments. Together, these three components round out the coverage of Michigan's high school core content expectations.

The ACT is the most widely accepted college entrance examination in the United States. It assesses high school students' general educational development and their potential to be successful in college-level coursework. The ACT exam includes assessments of English, mathematics, reading, science, and writing. The ACT results are accepted by most colleges and universities for college entrance.

WorkKeys is a job skills assessment system measuring real-world skills, designed to support economic and workforce development programs. The MME WorkKeys components assess reading for information, applied mathematics, and locating information. Skills assessed by WorkKeys are valued by Michigan employers, colleges, and technical training institutions. Students who receive qualifying scores on the three WorkKeys assessments taken as part of the MME are eligible for the National Career Readiness Certificate (NCRC), Qualified English Language Learner students who received translation assistance, in a language other than English, for WorkKeys test items are not eligible for the NCRC.

The Michigan developed components of the MME include aspects of mathematics, science, and social studies that are not covered by the ACT or WorkKeys assessments.

Students who earned MME scores in all subjects are eligible for the Michigan Promise Scholarship, which is designed to help fund the first two years of college or technical training after high school graduation. Students who are successful on the Michigan Merit Examination, achieving advanced or proficient performance levels in all subjects, are eligible for installment payments of the Michigan Promise Scholarship. Even if students do not achieve proficiency in all subjects, they are eligible for the Michigan Promise Scholarship after two years of successful post-secondary enrollment. Please see www.michigan.gov/promise for additional information on the Michigan Promise Scholarship, or www.michigan.gov/mme for additional information about taking a national ACT to become eligible for the Michigan Promise Scholarship.

If you have questions about the MME or this report, please talk to your student's counselor or principal, who will be able to assist you in interpreting this information.

For more information, please visit www.michigan.gov/mme

ACT:

Students took the ACT as one part of the MME. The ACT consists of four multiple-choice tests (English, Mathematics, Reading, and Science) and a Writing test. Selected items from the ACT contributed to your student's MME subject scores. In addition, your student's ACT scores provide a measure of college readiness. The four multiple-choice ACT tests are scored on a scale of 1 to 36. The ACT Composite score is the average of the four multiple-choice tests. The ACT Writing Test is scored on a range of 2-12. An English/Writing score is also provided on a scale of 1 to 36 and is based on the ACT English Test and the ACT Writing Test.

A student who met ACT's College Readiness Benchmarks is generally ready to succeed in first-year college-level work. The Benchmark scores are: 18 for English, 22 for Math, 21 for Reading, and 24 for Science.

Component	Score	Component	Score
English	11	Composite	15
Mathematics	16	English/Writing	12
Reading	16	Writing	6
Science	18		

ACT scores are not college reportable as a result of using state-allowed accommodations not approved by ACT.

WorkKeys:

WorkKeys Reading for Information, Applied Mathematics, and Locating Information assess real-world skills employers consider critical to job success. The assessments measure portions of the Michigan High School Content Standards.

The Level Scores for the WorkKeys tests range from 3-7 for Reading for Information and Applied Mathematics, and 3-6 for Locating Information. The bottom and top of the ranges indicate the lowest and highest levels of complexity. Each level is built on the previous one. A score at Level 5 means the test taker has successfully met the requirements of Levels 3 and 4. The test scores relate to the skill ranges and how the test taker performs relative to the ranges. Additional information on the WorkKeys Foundational Skills Assessments can be located at <http://www.act.org/workkeys/assess/foundational.html>. More information about WorkKeys can be located at <http://www.act.org/workkeys/>.

Students may qualify for a National Career Readiness Certificate (NCRC) based on WorkKeys Level scores earned during the Spring 2009 MME. Eligibility for a bronze credential requires at least a Level 3, a silver credential requires at least a Level 4, and a gold credential requires at least a Level 5 on all three WorkKeys tests.

Qualified ELL students who received translation assistance, in a language other than English, for WorkKeys test items are not eligible for the NCRC.

Component	Level Score
Reading for Information	4
Applied Mathematics	4
Locating Information	4

Report For:

FrnameXXXX XXX XXXX XXXX I.LnameXXXXXXXX XXXX XXXX

UIC: 1234567890

Dear Parent or Guardian:

In March 2009, FrnameXXXXXXXXXXXXXXX I.LnameXXXXXXXXXXXXXXX took the Michigan Merit Examination (MME). The MME measures what students know and can do, based on Michigan high school content standards. MME results provide a valid and reliable assessment of FrnameXXXXXXXXXXXXXXX's overall performance in each content area assessed.

The MME includes three major components: the ACT Plus Writing™ college entrance exam; WorkKeys™ job skills assessments in reading, mathematics, and locating information; and Michigan-developed assessments in mathematics, science, and social studies.

In addition to measuring FrnameXXXXXXXXXXXXXXX's performance on the Michigan high school content standards, the MME provides students with a free college entrance exam, eligibility for a National Career Readiness Certificate based on sufficient WorkKeys™ scores, and eligibility for the Michigan Promise scholarship administered by the Michigan Department of Treasury. If you have questions about this scholarship, please call 888-447-2687 toll-free or visit the scholarship website at www.michigan.gov/promise.

FrnameXXXXXXXXXXXXXXX will receive separate score reports for the ACT Plus Writing college entrance exam and the WorkKeys job skills assessments from ACT, but we have also included the scores in this MME report for your convenience.

We encourage you to discuss these results with teachers and other school professionals who have the benefit of knowing your student on a more personal level. These professionals can use the MME results, and other assessment and classroom performance information, to provide a more complete analysis and to help you plan for your student's continued learning. Students have a greater opportunity to succeed academically when parents, teachers, and counselors work together.

Sincerely,

Mike Flanagan
 Superintendent of Public Instruction

Michigan Merit Exam Results for FrnameXXXXXXXXXXXXXXX

Subject	Scale Score	Performance Level
MME Mathematics	1082	4-Not Proficient
MME Science	1090	3-Partially Proficient
MME Reading	1111	2-Proficient
MME Writing	1081	3-Partially Proficient
MME Total English Language Arts	1096	3-Partially Proficient
MME Social Studies	1092	3-Partially Proficient

Performance Level Definitions

Level 1: Advanced
 The student's performance exceeds state high school standards and indicates substantial understanding and application of key concepts defined for Michigan students. The student needs support to continue to excel.

Level 2: Proficient
 The student's performance indicates understanding and application of key state high school standards defined for Michigan students. The student needs continued support to maintain and improve proficiency.

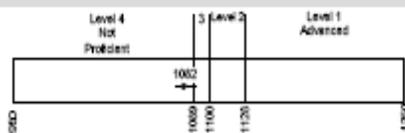
Level 3: Partially Proficient
 The student needs assistance to improve achievement. The student's performance is not yet proficient, indicating a partial understanding and application of the state high school standards defined for Michigan students.

Level 4: Not Proficient
 The student needs intensive intervention and support to improve achievement. The student's performance is not yet proficient and indicates minimal understanding and application of the state high school standards defined for Michigan students.

Care should be exercised in interpreting the results of this assessment. Although the tests are administered under standardized conditions, each score reflects performance on a given day. The scale scores are the most reliable. Because each subscore represents only a few items, subscores are more likely to vary among students and test administrations.

We encourage parents to discuss these results with your student's teachers, counselor, or principal. They can provide more information by using results from other assessments and classroom performance. Your student's teachers and counselor are in the best position to provide guidance in designing appropriate instruction for your student.

MME Mathematics: Your student's mathematics scale score is reported on the graph below.

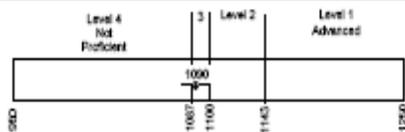


The goal of mathematics education is for all students to develop mathematical power to participate fully as citizens and workers in our contemporary world. High school mathematics includes the study of (a) quantitative literacy and logic; (b) algebra and functions; (c) geometry and trigonometry; and (d) statistics and probability.

A STUDENT WHO PERFORMED AT THE NOT PROFICIENT LEVEL: Requires intensive intervention and support to improve achievement. The student did not demonstrate mathematical skills and concepts consistent with high school content expectations.

Mathematics Subscore	Points Earned	Points Possible	% Correct
L1 Reasoning about Numbers	4	7	57%
L2 Calculations, Algorithms	7	14	50%
L3 Math Reasoning, Logic & Proof	1	3	33%
A1 Expressions & Equations	4	10	40%
A2 Functions	2	6	33%
A3 Families of Functions	2	5	40%
G1 Figures & Properties	3	16	19%
G2 Relationships between Figures	1	2	50%
G3 Transformations of Figures	0	1	0%
S1 Univariate Data: Distributions	0	7	0%
S2 Bivariate Data: Relationships	0	1	0%
S4 Probability Models, Operations	0	1	0%

MME Science: Your student's science scale score is reported on the graph below.

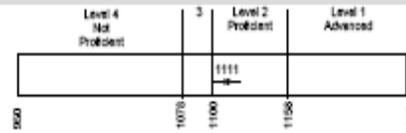


During the initial high school years, all students learn to understand and critique scientific theories; they learn the general science concepts of the biological, the chemical, the physical world around them, and the elements and processes that make up and affect Earth. They construct new scientific knowledge by implementing inquiry skills to develop models that will test scientific hypotheses and evaluate theories about the universe. They gather and use quantitative and qualitative data to investigate and support scientific inquiry. They reflect on scientific knowledge by evaluating limitations of evidence used to support decisions about their lives and society.

STUDENTS WHO PERFORMED AT THE PARTIALLY PROFICIENT LEVEL: Require assistance to improve achievement. These students have some ability to design scientific investigations based on questions and have partial knowledge of basic biological, chemical, Earth science, and physical science concepts.

Science Subscore	Points Earned	Points Possible	% Correct
R1 Inquiry & Reflection	11	22	50%
E2 Earth Systems	1	2	50%
E3 The Solid Earth	0	2	0%
E4 The Fluid Earth	0	2	0%
E5 Earth in Space & Time	1	2	50%
B2 Organization of Living Systems	1	2	50%
B3 Living Systems & Environment	0	2	0%
B4 Genetics	2	2	100%
B5 Evolution & Biodiversity	0	2	0%
P2 Motion of Objects	1	2	50%
P3 Forces & Motion	0	2	0%
P4a Energy Part a	1	2	50%
P4b Energy Part b	1	2	50%
C23 Energy Transfer & Conservation	0	2	0%
C4 Properties of Matter	2	2	100%
C5 Changes in Matter	1	2	50%

MME Reading: Your student's reading scale score is reported on the graph below.

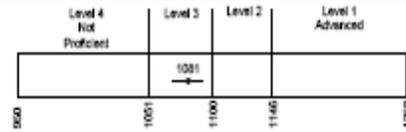


The reading assessment measures reading comprehension by requiring students to derive meaning from several types of texts including narrative, expository, and workplace communications such as letters, instructions, and governmental regulations. Determining main ideas, locating and interpreting significant details, identifying relationships, understanding the meaning of words, and drawing conclusions are all skills that are assessed. The overall emphasis is on higher-order levels of thinking, such as analysis and synthesis of information from several content areas including literature, humanities, social science, and natural science.

A STUDENT AT THE PROFICIENT LEVEL: Comprehended more challenging narrative and informational text by referring to what was explicitly stated and used reasoning skills to draw inferences, analyze, and synthesize text consistent with high school expectations. With instructional support, the student should maintain and improve proficiency.

Reading Subscore	Points Earned	Points Possible	% Correct
R2.1 Strategy Development	11	22	50%
R2.2 Meaning Beyond Literal	7	12	58%
R2.3 Independent Reading	9	10	90%
L3.1 Close Literature Reading	1	5	20%

MME Writing: Your student's writing scale score is reported on the graph below.

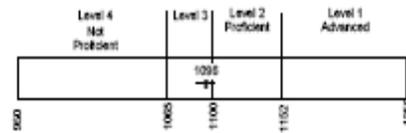


The MME Writing assessment contains two separate measures of writing: The ACT Writing test and The ACT English test. The ACT Writing test is a direct measure of students' ability to write persuasively about a given topic. The ACT English test uses multiple-choice items to test revising and editing of standard conventions of written English (punctuation, grammar and usage, sentence structure, organization and style) in context within various writing formats. Your student's constructed response to the ACT writing prompt and the responses to the multiple-choice items on the ACT English test contribute to the MME Writing score.

A STUDENT WHO PERFORMED AT THE PARTIALLY PROFICIENT LEVEL: Demonstrated some understanding of the Michigan High School Content Expectations measured by the two portions of the writing test. The student requires instructional support to gain knowledge about the process and conventions of writing and to improve writing achievement.

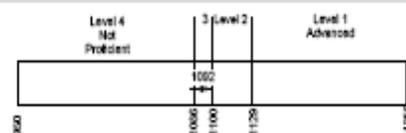
Writing Subscore	Points Earned	Points Possible	% Correct
W 1.1 Writing Process	14	30	47%
W 1.3 Purpose and Audience	7	20	35%

MME Total English Language Arts: Your student's Total English Language Arts scale score is reported on the graph below.



The ELA score is the average of the student's reading scale score and writing scale score.

MME Social Studies: Your student's social studies scale score is reported on the graph below.



The goal of Social Studies is to prepare students to be responsible citizens. Responsible citizens demonstrate knowledge of history, civics and government, economics, and geography, as well as have the ability to apply this knowledge to everyday life. Thinking skills developed within the Social Studies curriculum must be practiced and applied as a way to maintain our constitutional democracy, to respect core democratic values, and to understand the global connections of modern society. High school students need to evaluate different viewpoints when making decisions about public concerns, and to have the ability to express their conclusions in a clear and organized manner.

STUDENTS WHO PERFORMED AT THE PARTIALLY PROFICIENT LEVEL: Need assistance to improve achievement. These students displayed an incomplete body of knowledge about social studies information and concepts. Students who performed at the partially proficient level face difficulty in using key social studies knowledge and skills in their decisions as they become responsible citizens in a democratic society. (See www.michigan.gov/socialstudies)

Social Studies Subscore	Points Earned	Points Possible	% Correct
History	4	7	57%
Geography	4	7	57%
Civics	2	7	29%
Economics	5	7	71%
Inquiry	3	6	50%

What is Standard Error of Measurement (SEM)?

The diamond indicates your student's scale score for the tested subject. This is your student's overall subject scale score and is used to determine the level your student achieved. The horizontal bar indicates the Standard Error of Measurement. If your student had taken this same test or a similar test on another day, he/she would likely have scored within this range.

MME Student Roster

- ◆ Separate reports for each subject
- ◆ Class/School code groups
 - if provided by school - optional
- ◆ One line for each student

MME Student Roster

- ◆ Overall performance and standard level subscores
 - Scale score
 - Performance levels
 - Standard level raw scores



STUDENT ROSTER

Grade 11
Spring 2009



ENGLISH LANGUAGE ARTS

Teacher Name : LAST, FIRST

Class/Group : 1234

School Name : SAMPLE SCHOOL XXXXXXXXXXXXXXXXXXXX 00057

School Code : 99999

District Name: SAMPLE DISTRICT XXXXXXXXXXXXXXXXXXXX 00214

District Code: 99999

Possible Points	MME Reading						MME Writing					MME Total ELA			
	Scale Score	Performance Level	R2.1 Strategy	R2.2 Meaning	R2.3 Independent	L3.1 Close Reading	Scale Score	Performance Level	W1.1 Writing Process	W1.3 Purpose and Audience	ACT Writing		Scale Score	Performance Level	
											Score**	Comment/ Condition Codes			
			22	12	10	5			30	20	12				
LnameXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1147	2	20	11	8	2	1146	1	30	12	6	21, 32	1147	2	
LnameXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1105	2	8	5	9	3	1077	3	13	9	6	21, 32	1091	3	
LnameXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1135	2	11	9	8	5	1129	2	24	15	9	34	1132	2	
LnameXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1118	2	12	8	7	2	1092	3	17	11	8	33, 42	1105	2	
LnameXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1099	3	10	4	5	3	1069	3	8	8	6	32	1084	3	
LnameXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1131	2	14	7	6	3	1072	3	13	7	7	33, 42	1102	2	
LnameXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	NA*	NA	7	3	8	2	NA*	NA	12	10	7	33, 42	NA*	NA	
LnameXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1112	2	9	6	8	3	1108	2	19	13	8	33, 42	1110	2	
LnameXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1119	2	10	7	9	2	1107	2	20	12	7	21	1113	2	
LnameXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1097	3	8	7	7	1	1106	2	20	11	6	21	1102	2	
LnameXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1130	2	15	6	8	3	1079	3	10	12	8	33	1105	2	
LnameXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1116	2	10	5	8	4	1103	2	18	12	8	42	1110	2	
LnameXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1128	2	14	6	9	3	1105	2	21	9	6	32	1117	2	
LnameXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	NA	NA					1089	3	13	10	6	21, 32	NA	NA	
LnameXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1112	2	8	6	10	1	1066	3	10	8	6	21, 63	1089	3	

Performance Level	Reading Scale Score Range	Writing Scale Score Range	Total ELA Scale Score Range
1 - Advanced	(1158 - 1250)	(1148 - 1250)	(1152 - 1250)
2 - Proficient	(1100 - 1157)	(1100 - 1145)	(1100 - 1151)
3 - Partially Proficient	(1078 - 1099)	(1051 - 1099)	(1065 - 1099)
4 - Not Proficient	(950 - 1077)	(950 - 1050)	(950 - 1064)

** Score was unavailable for this student because valid data for one or more components of the subject are not available. See Guide to Reports for more information.
* Student does not count as assessed due to a nonstandard accommodation.
** The ACT Writing score is included in the W1.3 Purpose and Audience data.



STUDENT ROSTER

Grade 11
Spring 2009



ENGLISH LANGUAGE ARTS

Teacher Name : LAST, FIRST

Class/Group : 1234

School Name : SAMPLE SCHOOL XXXXXXXXXXXXXXXXXXXX 0057

School Code : 99999

District Name: SAMPLE DISTRICT XXXXXXXXXXXXXXXXXXXX 00214
District Code: 99999

	MME Reading						MME Writing					MME Total ELA		
	Scale Score	Performance Level	R2.1 Strategy	R2.2 Meaning	R2.3 Independent	L3.1 Close Reading	Scale Score	Performance Level	W1.1 Writing Process	W1.3 Purpose and Audience	ACT Writing		Scale Score	Performance Level
											Score**	Comment/Condition Codes		
Possible Points			22	12	10	5			30	20	12			
LnameXXXXXXXXXXXX, FnameXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1147	2	20	11	8	2	1146	1	30	12	6	21, 32	1147	2
LnameXXXXXXXXXXXX, FnameXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1105	2	8	5	9	3	1077	3	13	9	6	21, 32	1091	3
LnameXXXXXXXXXXXX, FnameXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1135	2	11	9	8	5	1129	2	24	15	9	34	1132	2
LnameXXXXXXXXXXXX, FnameXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1118	2	12	8	7	2	1092	3	17	11	8	33, 42	1105	2
LnameXXXXXXXXXXXX, FnameXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1099	3	10	4	5	3	1069	3	8	8	6	32	1084	3
LnameXXXXXXXXXXXX, FnameXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1131	2	14	7	6	3	1072	3	13	7	7	33, 42	1102	2
LnameXXXXXXXXXXXX, FnameXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	NA*	NA	7	3	8	2	NA*	NA	12	10	7	33, 42	NA*	NA
LnameXXXXXXXXXXXX, FnameXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1119	2	10	7	9	2	1107	2	20	12	7	21	1113	2
LnameXXXXXXXXXXXX, FnameXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1097	3	8	7	7	1	1106	2	20	11	6	21	1102	2
LnameXXXXXXXXXXXX, FnameXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1130	2	15	6	8	3	1079	3	10	12	8	33	1105	2
LnameXXXXXXXXXXXX, FnameXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1116	2	10	5	8	4	1103	2	18	12	8	42	1110	2
LnameXXXXXXXXXXXX, FnameXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1129	2	14	3	7	2	1102	2	24	9	6	32	1117	2
LnameXXXXXXXXXXXX, FnameXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	NA	NA					1089	3	13	10	6	21, 32	NA	NA
LnameXXXXXXXXXXXX, FnameXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1112	2	8	6	10	1	1066	3	10	8	6	21, 33	1089	3

Performance Level	Reading Scale Score Range	Writing Scale Score Range	Total ELA Scale Score Range
1 - Advanced	(1158 - 1250)	(1146 - 1250)	(1152 - 1250)
2 - Proficient	(1100 - 1157)	(1100 - 1145)	(1100 - 1151)
3 - Partially Proficient	(1078 - 1090)	(1051 - 1090)	(1065 - 1090)
4 - Not Proficient	(950 - 1077)	(950 - 1050)	(950 - 1064)

NA - Score Data unavailable in this subject for this student because valid data for one or more components of the subject are not available. See Guide to Reports for more information.
* Student does not count as assessed due to a nonstandard accommodation.
** The ACT Writing score is included in the W1.3 Purpose and Audience data.



STUDENT ROSTER

Grade 11
Spring 2009

MME MATHEMATICS



District Name: SAMPLE DISTRICT XXXXXXXXXXXXXXXXXXXXXXXX 00214
District Code: 99999

Teacher Name : LAST, FIRST
Class/Group : 1234
School Name : SAMPLE SCHOOL XXXXXXXXXXXXXXXXXXXXXXXX 00057
School Code : 99999

Possible Points	Scale Score	Performance Level	Subscores											
			L1 Number Reasoning	L2 Calculations	L3 Logic & Proof	A1 Equations	A2 Functions	A3 Function Families	G1 Figure Properties	G2 Figure Relations	G3 Transformations	S1 Univariate Data	S2 Bivariate Data	S4 Probability
			7	14	3	10	6	5	16	2	1	7	1	1
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	NA	NA												
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	950	4	1	5	0	4	3	3	3	1	1	1	1	1
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	950	4	4	9	1	2	1	3	4	0	0	2	0	1
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1069	4	5	9	0	3	2	0	3	1	0	4	1	1
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	950	4	3	8	2	2	1	2	1	1	0	3	1	0
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	950	4	2	3	1	4	2	1	3	0	0	0	1	0
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1115	2	3	6	2	7	3	3	9	2	0	2	1	1
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	NA*	NA	3	9	3	9	3	2	5	1	1	3	1	1
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1110	2	3	7	1	6	4	3	6	2	0	2	1	1
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	950	4	3	7	0	5	2	3	1	0	0	2	0	0
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1130	1	5	9	3	4	2	1	5	1	0	4	1	1
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1073	4	4	7	1	3	1	1	3	1	1	3	0	0
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1108	2	3	10	0	7	3	2	8	0	0	3	1	0
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	950	4	2	7	0	2	1	1	4	0	0	1	0	0
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1104	2	3	8	0	7	3	2	7	1	0	3	0	1

Performance Level	Scale Score Range
1 - Advanced	(1128 - 1250)
2 - Proficient	(1100 - 1127)
3 - Partially Proficient	(1080 - 1099)
4 - Not Proficient	(950 - 1088)

NA - Score Data unavailable in this subject for this student because valid data for one or more components of the subject are not available. See Guide to Reports for more information.
* Student does not count as assessed due to a nonstandard accommodation.



STUDENT ROSTER

Grade 11
Spring 2009
MME SCIENCE



District Name: SAMPLE DISTRICT XXXXXXXXXXXXXXXXXXXXXXXXXXXX 00214
District Code: 99999

Teacher Name : LAST, FIRST
Class/Group : 1234
School Name : SAMPLE SCHOOL XXXXXXXXXXXXXXXXXXXXXXXXXXXX 00057
School Code : 99999

Possible Points	Scale Score	Performance Level	Subscores															
			R1 Inquiry-Reflection	E2 Earth Systems	E3 The Solid Earth	E4 The Fluid Earth	E5 Space & Time	B2 Org of Living Sys	B3 Environment	B4 Genetics	B5 Evolution	P2 Motion of Objects	P3 Forces & Motion	P4a Energy Part a	P4b Energy Part b	C23 Energy Conserv	C4 Prop of Matter	C5 Changes in Matter
			22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	NA	NA																
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1043	4	3	0	1	1	0	1	1	0	1	1	1	0	0	0	0	0
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1079	4	6	0	1	1	1	0	1	2	0	1	1	1	0	0	1	0
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1102	2	10	1	2	0	1	1	1	2	2	1	1	1	1	1	2	0
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1077	4	4	1	1	1	2	0	0	0	1	1	1	1	0	1	2	1
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1072	4	10	1	1	0	0	1	0	0	0	1	0	1	0	2	0	0
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1106	2	12	2	1	0	2	0	2	2	0	2	0	1	0	0	2	2
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	NA*	NA	18	1	2	0	2	1	2	2	2	2	1	2	1	2	0	1
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1086	4	12	0	0	0	1	2	0	1	0	1	2	1	1	1	0	0
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1085	4	10	1	0	0	0	2	2	2	1	2	0	1	0	0	0	0
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1004	4	8	1	1	1	1	1	1	1	1	0	1	1	0	2	1	0
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1019	4	2	1	2	0	0	0	0	1	0	0	1	1	1	1	0	1
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1111	2	15	2	1	0	0	2	2	2	2	1	1	1	0	2	0	2
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1087	3	9	0	1	0	1	1	1	1	0	0	1	1	2	2	2	0
LnameXXXXXXXXXXXXXXXXXX, FnameXXXXXXXXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1108	2	13	2	1	1	0	0	1	2	1	0	0	0	1	1	2	1

Performance Level	Scale Score Range
1 - Advanced	(1143 - 1250)
2 - Proficient	(1100 - 1142)
3 - Partially Proficient	(1087 - 1099)
4 - Not Proficient	(950 - 1086)

NA - Score Data unavailable in this subject for this student because valid data for one or more components of the subject are not available. See Guide to Reports for more information.
* Student does not count as assessed due to a nonstandard accommodation.



District Name: SAMPLE DISTRICT XXXXXXXXXXXXXXXXXXXXXXXX 00214
 District Code: 99999

STUDENT ROSTER

Grade 11
 Spring 2009

MME SOCIAL STUDIES



Teacher Name : LAST, FIRST
 Class/Group : 1234
 School Name : SAMPLE SCHOOL XXXXXXXXXXXXXXXXXXXXXXXX 00057
 School Code : 99999

Scale Score	Performance Level	Subscores					Scale Score	Performance Level	Subscores						
		History	Geography	Civics	Economics	Inquiry			History	Geography	Civics	Economics	Inquiry		
Possible Points		7	7	7	7	6	Possible Points		7	7	7	7	6		
Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1106	2	5	5	6	7	1	Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1110	2	5	6	6	6	3
Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1087	3	3	4	6	1	2	Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1108	2	5	5	7	4	4
Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1097	3	4	4	5	6	1	Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1072	4	2	4	3	2	0
Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1094	3	4	5	5	3	2	Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1094	3	5	6	5	3	0
Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1084	4	3	4	2	3	3	Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1087	3	2	2	5	6	1
Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1101	2	2	6	5	5	4	Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1056	4	1	2	2	2	0
Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	NA*	NA	1	2	1	2	4	Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1104	2	3	7	5	6	2
Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1094	3	5	3	3	4	4	Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1101	2	3	5	6	6	2
Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1108	2	4	7	7	5	2	Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1110	2	5	7	6	6	2
Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1078	4	4	2	4	2	1	Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1084	4	5	2	5	1	2
Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1089	3	5	3	4	4	1	Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1072	4	1	2	2	3	3
Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1099	3	5	5	4	5	2	Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1089	3	4	3	4	4	2
Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1099	3	4	4	5	4	4	Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1110	2	5	6	7	6	2
Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	NA	NA						Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1081	4	3	3	4	3	1
Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1072	4	4	1	0	4	2	Lname:XXXXXXXXXXXX, Fname:XXXXXXXXXXXX I. UIC: 1234567890 DOB: 99/99/9999	1084	4	3	3	1	2	6

Performance Level	Scale Score Range
1-Advanced	(1120 - 1250)
2-Proficient	(1100 - 1120)
3-Partially Proficient	(1085 - 1099)
4-Not Proficient	(950 - 1085)

NA - Score Data unavailable in this subject for this student because valid data for one or more components of the subject are not available. See Guide to Reports for more information.
 * Student does not count as assessed due to a nonstandard accommodation.

MME Summary Report

- ◆ Includes all MME subjects aggregated to the school, district, and state levels
- ◆ Three years of summary data on student performance
 - Scale scores
 - Performance levels
- ◆ All Students, Students with Disabilities (SWD), and All Except Students with Disabilities

MME READING

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1077)	(1078-1090)	(1100-1157)	(1158-1250)	(1100-1250)
2009	268	1106	1104-1108	8%	32%	59%	1%	60%
2008	272	1103	1099-1107	14%	28%	60%	0%	60%
2007	313	1100	1097-1103	17%	29%	52%	1%	53%

MME MATHEMATICS

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1088)	(1089-1090)	(1100-1127)	(1128-1250)	(1100-1250)
2009	250	1092	1090-1094	28%	24%	45%	2%	47%
2008	272	1089	1085-1093	41%	19%	34%	6%	40%
2007	313	1089	1088-1092	42%	20%	32%	6%	37%

MME WRITING

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1050)	(1051-1099)	(1100-1145)	(1146-1250)	(1100-1250)
2009	269	1082	1080-1084	11%	59%	29%	1%	30%
2008	271	1089	1086-1092	9%	58%	33%	1%	34%
2007	309	1087	1084-1090	7%	61%	31%	1%	32%

MME SCIENCE

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1088)	(1089-1090)	(1100-1142)	(1143-1250)	(1100-1250)
2009	251	1088	1085-1091	35%	22%	41%	2%	43%
2008	272	1097	1093-1101	28%	18%	51%	3%	54%
2007	312	1094	1090-1098	30%	21%	48%	3%	40%

MME TOTAL ENGLISH LANGUAGE ARTS

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1064)	(1065-1099)	(1100-1151)	(1152-1250)	(1100-1250)
2009	267	1094	1092-1096	13%	43%	44%	0%	44%
2008	271	1097	1094-1100	11%	42%	47%	0%	47%
2007	309	1094	1091-1097	9%	45%	45%	1%	46%

MME SOCIAL STUDIES

Year	* No. of Students Assessed	Scale Score		Performance Levels				
		Mean	** Margin of Error	4-Not Proficient	3-Partially Proficient	2-Proficient	1-Advanced	Levels 1 & 2
Scale Score Range		(950-1250)		(950-1085)	(1086-1090)	(1100-1128)	(1129-1250)	(1100-1250)
2009	251	1094	1093-1095	22%	44%	34%	0%	34%
2008	272	1122	1119-1125	4%	13%	44%	38%	83%
2007	311	1122	1119-1125	7%	9%	44%	30%	83%

* Includes students who received valid scores.

** This is the range within which the true mean scale score would fall for the students listed on this report.

Due to rounding, percents might not total 100%.

MME Summary Report (cont.)

- ◆ One year of student data
 - Subscores by standard
 - Raw score data
 - Points possible differs by content area

Subscore	No. of Students Assessed	Mean Points	Points Possible	Percent of Students Scoring in Each Raw Score Range												
				0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	
MME Reading	268			0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	
R2.1 Strategy Development		10.6	22	0	0	2	9	18	25	20	10	9	4	3	0	
R2.2 Meaning Beyond Literal		6.5	12	0	3	15	35	24	19	3						
R2.3 Independent Reading		7.9	10	0	1	4	12	41	41							
R2.4 Close Literature Reading		2.7	5	4	40	46	10									
MME Writing	269			0	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	28-30		
W1.1 Writing Process		14.8	30	0	0	4	12	23	18	18	12	6	5	1		
W1.3 Purpose and Audience		11.1	20	0	1	4	22	40	29	3	0					
ACT Writing*		7.2	12	0	3	27	65	5								
MME Mathematics	250			0	1	2	3	4	5	6	7-8	9-10	11-12	13-14	15-16	
L1 Reasoning about Numbers		3.8	7	0	1	13	26	30	20	8	2					
L2 Calculations, Algorithms		9.2	14	0	0	0	1	2	4	8	21	32	26	7		
L3 Math Reasoning, Logic & Proof		0.9	3	36	40	21	2									
A1 Expressions & Equations		4.7	10	2	6	16	15	11	12	11	23	5				
A2 Functions		3.0	6	2	11	21	30	21	12	3						
A3 Families of Functions		1.8	5	14	28	35	14	8	1							
G1 Figures & Properties		6.1	16	1	2	5	11	12	12	17	21	12	6	1	1	
G2 Relationships between Figures		0.8	2	37	49	14										
G3 Transformations of Figures		0.3	1	71	29											
S1 Univariate Data: Distributions		2.8	7	8	16	18	21	25	13	0	0					
S2 Bivariate Data: Relationships		0.7	1	26	74											
S4 Probability Models, Operations		0.4	1	65	35											
MME Science	251			0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22
R1 Inquiry & Reflection		10.8	22	0	0	1	3	14	16	16	16	12	10	6	4	1
E2 Earth Systems		1.0	2	30	44	25										
E3 The Solid Earth		1.1	2	14	60	26										
E4 The Fluid Earth		0.3	2	72	24	4										
E5 Earth in Space & Time		0.8	2	39	38	23										
B2 Organization of Living Systems		1.3	2	16	39	45										
B3 Living Systems & Environment		1.2	2	16	43	41										
B4 Genetics		1.3	2	18	32	49										
B5 Evolution & Biodiversity		1.1	2	22	45	33										
P2 Motion of Objects		0.9	2	32	47	20										
P3 Forces & Motion		1.0	2	27	51	22										
P4a Energy Part a		1.1	2	21	48	31										
P4b Energy Part b		0.7	2	41	47	12										
C23 Energy Transfer & Conservation		1.0	2	23	50	27										
C4 Properties of Matter		1.0	2	29	47	25										
C5 Changes in Matter		0.9	2	31	53	16										
MME Social Studies	251			0	1	2	3	4	5	6	7					
History		3.6	7	2	6	13	25	27	18	10	0					
Geography		3.8	7	0	7	15	22	23	20	9	4					
Civics		3.9	7	1	3	14	23	25	20	10	5					
Economics		4.2	7	4	4	7	18	20	24	18	6					
Inquiry		3.9	6	0	7	19	16	14	25	19						

* The ACT Writing score is included in the W1.3 Purpose and Audience subscore data.

Due to rounding, percents might not total 100%.

MME Demographic Report

- ◆ Includes all subjects aggregated to the school, district, and state levels
- ◆ Student performance summary data
 - Scale scores
 - Performance levels
- ◆ Disaggregated by all NCLB reporting subgroups



SCHOOL DEMOGRAPHIC REPORT

All Students



Grade 11
Spring 2009

District Name: SAMPLE DISTRICT XXXXXXXXXXXXXXXXXXXXXXXX 00214
District Code: 99999

School Name: SAMPLE SCHOOL XXXXXXXXXXXXXXXXXXXXXXXX 00057
School Code: 99999

School	MME READING							MME WRITING						MME TOTAL ELA							
	No. of Students Assessed	Mean Scale Score	Level 4	Level 3	Level 2	Level 1	Levels 1 & 2*	No. of Students Assessed	Mean Scale Score	Level 4	Level 3	Level 2	Level 1	Levels 1 & 2*	No. of Students Assessed	Mean Scale Score	Level 4	Level 3	Level 2	Level 1	Levels 1 & 2*
Total All Students	203	1107	8	27	64	1	65	211	1078	16	54	29	1	30	201	1093	12	45	42	0	43
Gender																					
Male	104	1107	12	29	58	2	60	103	1075	17	60	22	1	23	102	1092	13	49	37	1	38
Female	99	1107	5	25	70	0	70	108	1090	15	48	35	2	37	99	1094	12	40	47	0	47
Ethnicity																					
American Indian/Alaskan Native	< 10							< 10							< 10						
Asian/Pacific Islander	< 10							< 10							< 10						
Black, Not of Hispanic Origin	50	1092	12	44	44	0	44	50	1064	24	62	14	0	14	48	1079	19	58	23	0	23
Hispanic	42	1100	10	38	52	0	52	45	1072	18	60	22	0	22	42	1088	10	60	31	0	31
White, Not of Hispanic Origin	101	1115	6	17	75	2	77	105	1098	11	45	41	3	44	101	1101	12	33	54	1	55
Multiracial																					
Additional Reporting Groups																					
Economically Disadvantaged: Yes	108	1099	12	35	53	0	53	112	1069	20	63	17	0	17	108	1085	16	55	29	0	29
Economically Disadvantaged: No	95	1115	4	18	76	2	78	99	1088	11	43	42	3	45	95	1102	8	34	57	1	58
English Language Learners: Yes	30	1079	20	50	30	0	30	28	1034	46	54	0	0	0	28	1057	39	57	4	0	4
English Language Learners: No	173	1111	6	23	69	1	71	183	1085	11	54	33	2	35	173	1099	8	43	49	1	49
Formerly Limited English																					
Migrant																					
Homeless	< 10							< 10							< 10						
Accommodations																					
Standard -- All	17	1085	35	29	35	0	35	17	1003	71	29	0	0	0	15	1045	67	27	7	0	7
Nonstandard -- All **	< 10							< 10							< 10						
Standard -- ELL Only	11	1077	36	45	18	0	18	< 10						< 10							
Nonstandard -- ELL Only **	< 10							< 10						< 10							

* Value might not equal the exact sum of level 1 & level 2 due to rounding.
** Students not included in Number of Students Assessed.

< 10 = No summary scores provided if less than 10 students.



SCHOOL DEMOGRAPHIC REPORT

All Students



Grade 11
Spring 2009

District Name: SAMPLE DISTRICT XXXXXXXXXXXXXXXXXXXXXXXX 00214
District Code: 99999

School Name: SAMPLE SCHOOL XXXXXXXXXXXXXXXXXXXXXXXX 00209
School Code: 99999

School	MME MATHEMATICS							MME SCIENCE							MME SOCIAL STUDIES							
	No. of Students Assessed	Mean Scale Score	Level 4	Level 3	Level 2	Level 1	Levels 1 & 2*	No. of Students Assessed	Mean Scale Score	Level 4	Level 3	Level 2	Level 1	Levels 1 & 2*	No. of Students Assessed	Mean Scale Score	Level 4	Level 3	Level 2	Level 1	Levels 1 & 2*	
Total All Students	278	1076	45	24	27	3	30	290	1075	49	18	33	1	34	290	1088	38	40	22	0	22	
Gender																						
Male	142	1073	49	20	25	6	30	143	1074	50	14	34	1	36	143	1087	38	41	21	0	21	
Female	136	1080	41	29	29	1	30	137	1075	47	22	31	0	31	137	1088	38	39	23	0	23	
Ethnicity																						
American Indian/Alaskan Native	< 10							< 10						< 10								
Asian/Pacific Islander	26	1089	35	35	23	8	31	25	1076	56	12	28	4	32	26	1086	38	50	12	0	12	
Black, Not of Hispanic Origin	118	1065	55	26	18	1	19	118	1068	56	16	28	0	28	119	1085	46	35	18	0	18	
Hispanic	32	1080	53	22	25	0	25	33	1068	61	24	15	0	15	34	1085	47	38	15	0	15	
White, Not of Hispanic Origin	101	1085	34	21	40	6	46	103	1085	34	19	46	1	47	100	1092	25	43	32	0	32	
Multiracial																						
Additional Reporting Groups																						
Economically Disadvantaged:	Yes	136	1069	54	22	21	3	24	136	1068	56	13	30	1	31	137	1085	46	35	19	0	19
	No	142	1083	37	27	33	4	37	144	1081	42	22	35	1	36	143	1091	31	44	25	0	25
English Language Learners:	Yes	32	1079	47	31	22	0	22	31	1065	65	13	23	0	23	32	1083	44	47	9	0	9
	No	246	1076	45	24	28	4	31	249	1078	47	18	34	1	35	248	1089	38	39	24	0	24
Formerly Limited English																						
Migrant																						
Homeless																						
Accommodations																						
Standard -- All		26	990	88	0	8	4	12	26	996	88	0	12	0	12							
Nonstandard -- All **		13							14						14							
Standard -- ELL Only																						
Nonstandard -- ELL Only **		12							13						14							

* Value might not equal the exact sum of level 1 & level 2 due to rounding.
** Students not included in Number of Students Assessed.

MME Comprehensive Report

- ◆ Includes all subjects aggregated to the district and ISD levels
 - One year summaries of scale scores and performance levels

MME Comprehensive Report

- ◆ District Comprehensive Report
 - One summary line for the entire district
 - A summary line for each school in the district

MME Comprehensive Report

- ◆ **ISD Comprehensive Report**
 - One summary line for the entire ISD
 - A summary line for each district in the ISD

MME Student Data File

- ◆ Available on OEAA Secure Site
- ◆ Resource documents on Secure Site
- ◆ Session #28 – Using MME Data Files

Implications of the MME

- ◆ Using MME results to revise and improve course offerings
- ◆ Using MME results for college and career counseling

Changes for Spring 2010

◆ ELA

- Reading and Writing scores only
- No ELA scale score or PL

◆ Social Studies

- Time Reduction
- 30 minutes

Changes to Spring 2010

◆ Mathematics

- Change to Pre- and Post-MME Expectations
 - ◆ www.michigan.gov/osi
 - ◆ Curriculum and Literacy
 - ◆ Mathematics
 - ◆ Michigan Merit Curriculum - Mathematics
- 25 items
- 30 minutes

Contact Information

- ◆ Jim Griffiths
Manager – Assessment Administration and Reporting
(517) 373-4332
griffithsj@michigan.gov
- ◆ Pat King
Specialist – MME Administration and Reporting
(517) 335-6780
kingp@michigan.gov

OEAA Contact Information

Phone: 1-877-560-8378

E-mail: oeaa@michigan.gov

Website: www.michigan.gov/mme

Michigan Department of Education
Educational Assessment & Accountability