



MOUNTAIN BROOK  
SCHOOLS

effective • challenging • engaging



**Standardized Testing Report**  
**October 2012**

# Measures of Student Preparedness

*Standardized Tests*

PSAT (10-11)→SAT (11-12)  
PLAN (10)→ACT (11-12)  
AP (11-12)  
Graduation Exam (11-12)

EXPLORE (8)  
Science Assessment (7)  
ARMT + (7-8)

Science Assessment (5)  
ARMT + (3-6)

# Measures of Student Preparedness

*Standardized Tests*

PSAT (10-11)→SAT (11-12)  
PLAN (10)→ACT (11-12)  
AP (11-12)  
Graduation Exam (11-12)

**ARMT+**

**ARMT+**

# **Alabama Reading and Math Test (ARMT+)**

- **State-mandated, criterion-referenced test**  
– **Grades 3-8**
- **Designed to match state curriculum**
- **Used for accountability**

# ARMT – 2012

## Mountain Brook Students

Percent of students meeting or exceeding standard

|                | <b>3<sup>rd</sup><br/>Grade</b> | <b>4<sup>th</sup><br/>Grade</b> | <b>5<sup>th</sup><br/>Grade</b> | <b>6<sup>th</sup><br/>Grade</b> | <b>7<sup>th</sup><br/>Grade</b> | <b>8<sup>th</sup><br/>Grade</b> |
|----------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>Reading</b> | 97                              | 99                              | 99                              | 99                              | 100                             | 97                              |
| <b>Math</b>    | 97                              | 97                              | 99                              | 97                              | 98                              | 98                              |

# Measures of Student Preparedness

*Standardized Tests*

PSAT (10-11)→SAT (11-12)  
PLAN (10)→ACT (11-12)  
AP (11-12)  
Graduation Exam (11-12)

**Science Assessment**  
**7**

**Science Assessment**  
**5**

# **Alabama Science Assessment Grades 5 and 7**

- **State-mandated, criterion-referenced achievement test**
- **Designed to match state curriculum**
- **Used for accountability (participation, only)**

# Alabama Science Assessment - 2012

## Grades 5 and 7

Percent of students meeting or exceeding standard

**5<sup>th</sup> Grade                      99%**

**7<sup>th</sup> Grade                      99%**



# Measures of Student Preparedness

*Standardized Tests*

AP (11-12)  
PSAT (10-11) → SAT (11-12)  
PLAN (10) → ACT (11-12)  
Graduation Exam (11-12)

**EXPLORE**

Science Assessment (5)  
ARMT + (3-6)

# EXPLORE

- **Norm-referenced test given in the fall of 8<sup>th</sup> grade**
- **Includes English, reading, math, and science**
- **First part of a longitudinal assessment plan: PLAN will be given this year and ACT the following year**

# EXPLORE average test scores (maximum score of 25)

|                  | <b>Mountain Brook</b> | <b>National</b> |
|------------------|-----------------------|-----------------|
| <b>English</b>   | <b>18.6</b>           | <b>14.7</b>     |
| <b>Reading</b>   | <b>17.7</b>           | <b>14.6</b>     |
| <b>Math</b>      | <b>19.0</b>           | <b>15.5</b>     |
| <b>Science</b>   | <b>19.2</b>           | <b>16.6</b>     |
| <b>COMPOSITE</b> | <b>18.7</b>           | <b>15.5</b>     |

# Measures of Student Preparedness

*Standardized Tests*

**PLAN→ACT**

**EXPLORE**

Science Assessment (5)  
ARMT + (3-6)

# American College Testing (ACT) 2012

|              | <u>State Average</u> | <u>National Average</u> | <u>MBHS Average</u> |
|--------------|----------------------|-------------------------|---------------------|
| <b>Total</b> | <b>20.3</b>          | <b>21.1</b>             | <b>26.7</b>         |

# Measures of Student Preparedness

*Standardized Tests*

**Graduation Exam  
11<sup>th</sup> and 12<sup>th</sup> Grades**

**EXPLORE (8)  
Science Assessment (7)  
ARMT + (7-8)**

**Science Assessment (5)  
ARMT + (3-6)**

# **Alabama High School Graduation Exam**

- **Criterion-referenced achievement test**
- **Assesses students' mastery of content in reading, language, mathematics, science and social studies**
- **Required for graduation from high school for 11<sup>th</sup> and 12<sup>th</sup> graders only**

**Alabama High School  
Graduation Exam  
Grade 12 - Spring - 2012  
(Last Year's Graduates)**

**Percent of students passing each subject area:**

- **Reading**                      **100%**
- **Language**                      **100%**
- **Science**                      **100%**
- **Math**                      **100%**
- **Social Studies**              **100%**



# Measures of Student Preparedness

*Standardized Tests*

**PSAT→SAT**

**EXPLORE (8)**  
**Science Assessment (7)**  
**ARMT + (7-8)**

**Science Assessment (5)**  
**ARMT + (3-6)**

# PSAT – 2012

(Average Score on Scale of 20-80)

|                         | <u>National Average</u> | <u>MBHS Average</u> |
|-------------------------|-------------------------|---------------------|
| <b>Critical Reading</b> | <b>42.3</b>             | <b>52.2</b>         |
| <b>Math</b>             | <b>42.3</b>             | <b>53.4</b>         |
| <b>Writing</b>          | <b>40.3</b>             | <b>51.1</b>         |

# SAT – 2012

National Average

MBHS Average

**Critical Reading**

**496**

**622**

**Math**

**514**

**633**

**Writing**

**488**

**609**

**Total**

**1498**

**1864**



**+366**

# Measures of Student Preparedness

*Standardized Tests*

**AP Exams**

**EXPLORE (8)  
Science Assessment (7)  
ARMT + (7-8)**

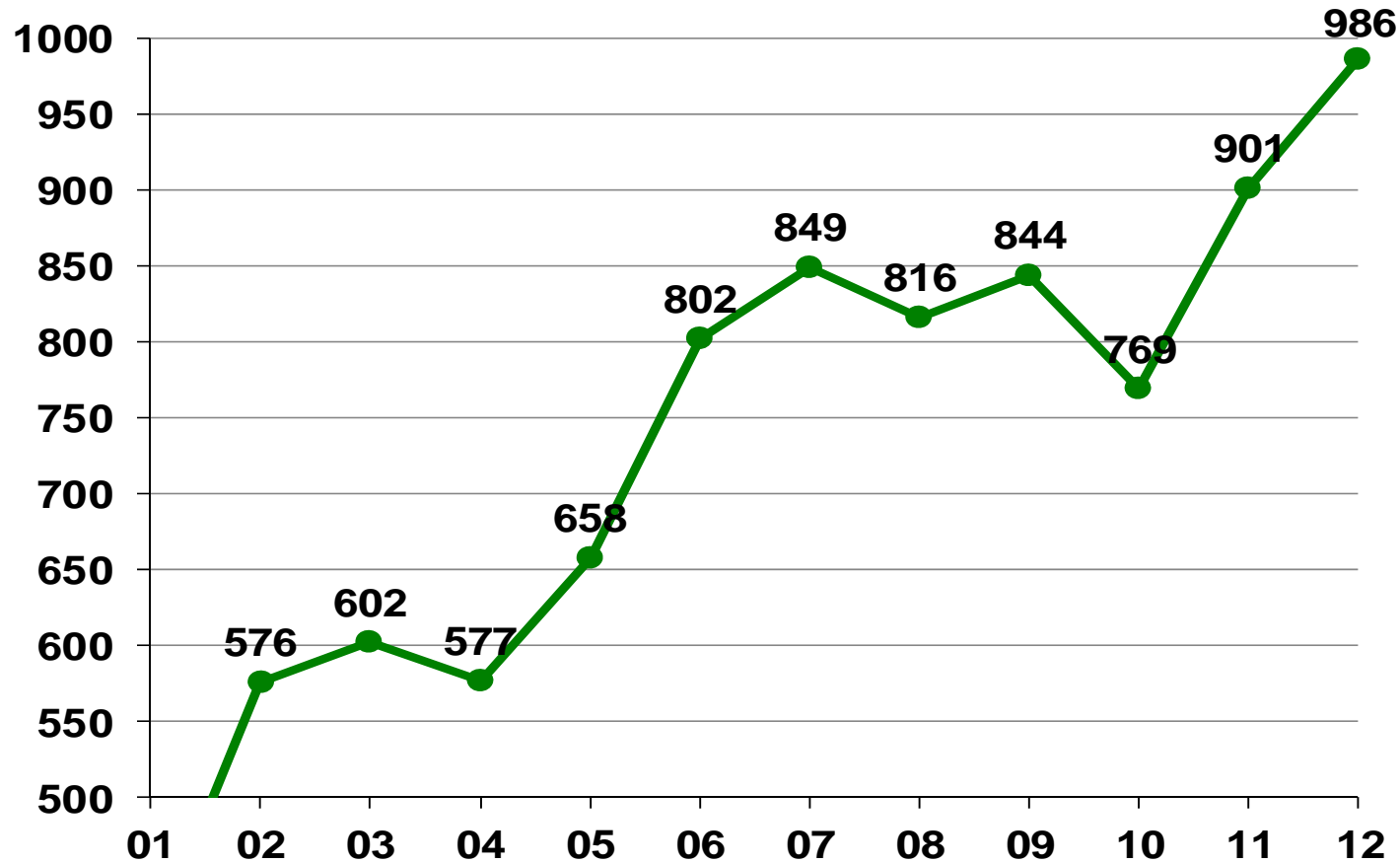
**Science Assessment (5)  
ARMT + (3-6)**

# Advanced Placement Courses

- **Courses offered at high school level that can be taken for college credit**
- **Test given at the end of the course to determine if college credit is earned**
- **Exams taken in 29 AP courses at MBHS**

# Advanced Placement Courses

# of AP tests taken by MB students



# Advanced Placement Courses

## Number of MB Students with each score

|                     | <u>2007</u> | <u>2012</u> |
|---------------------|-------------|-------------|
| 5                   | 196         | 307         |
| 4                   | 247         | 334         |
| 3                   | 244         | 239         |
| 2                   | 119         | 82          |
| 1                   | <u>43</u>   | <u>24</u>   |
| <b>Total</b>        | <b>849</b>  | <b>986</b>  |
| <b>Total 3,4, 5</b> | <b>687</b>  | <b>880</b>  |
|                     | <b>80%</b>  | <b>89%</b>  |

# Advanced Placement Exams

## 2012

|                                | <u>National</u> | <u>Mountain<br/>Brook</u> |
|--------------------------------|-----------------|---------------------------|
| <b>Total % 3<br/>or higher</b> | <b>58.8%</b>    | <b>89%</b>                |



# Alabama College- and Career- Ready Assessment System

| GRADE          | 2011-2012                                      | 2012-2013                                      | 2013-2014                                      | 2014-2015                                      | 2015-2016                                      |
|----------------|--|--|--|--|--|
| <b>K-8th</b>   | Formative/Interim/<br>Benchmark<br>Assessments | Formative/Interim/<br>Benchmark<br>Assessments | Formative/Interim/<br>Benchmark<br>Assessments | Formative/Interim/<br>Benchmark<br>Assessments | Formative/Interim/<br>Benchmark<br>Assessments |
| <b>3rd-8th</b> | ARMT+  | ARMT+  | New  | New  | New  |
| <b>8th</b>     | EXPLORE  | EXPLORE  | EXPLORE  | EXPLORE  | EXPLORE  |
| <b>9th</b>     |  | Quality Core<br>Assessment                     | Quality Core<br>Assessment                     | Quality Core<br>Assessment                     | Quality Core<br>Assessment                     |
| <b>10th</b>    |  | PLAN   | PLAN   | PLAN   | PLAN   |
|                |  | Quality Core<br>Assessment                     | Quality Core<br>Assessment                     | Quality Core<br>Assessment                     | Quality Core<br>Assessment                     |
| <b>11th</b>    | AHSGE  | AHSGE  | Quality Core<br>Assessment                     | Quality Core<br>Assessment                     | Quality Core<br>Assessment                     |
|                |  |  | ACT Plus Writing                               | ACT Plus Writing                               | ACT Plus Writing                               |
| <b>12th</b>    | AHSGE  | AHSGE  | Quality Core<br>Assessment                     | Quality Core<br>Assessment                     | Quality Core<br>Assessment                     |
|                |  |  |  | WorkKeys                                       | WorkKeys                                       |