

# State Board of Education

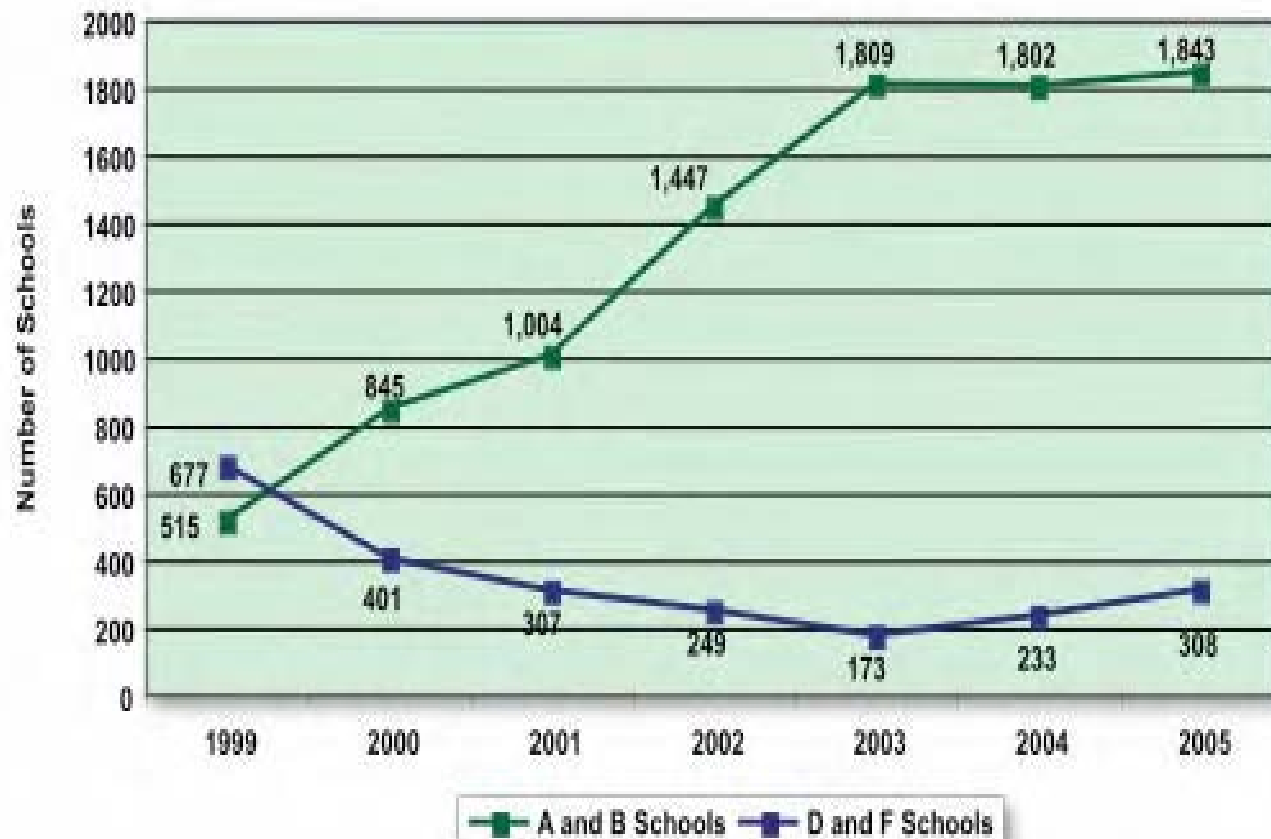
March 21, 2006

The Capitol - Tallahassee, FL

**Proposed Changes to Rule 6A-1.09981, F.A.C.**  
Implementation of Florida's System of School Improvement  
and Accountability



# School Grades 1999 - 2005



# Proposed Changes to Rule

## ■ Writing

- Remain at 3.5, no increase to 4.0

## ■ Science

- Add as a seventh component

## ■ Math Lowest 25 Percent

- Add as an eighth component

## ■ Revised School Grading Scale

- 800 point scale change from current 600 point scale

## ■ Retakes of Grade 11 and 12

- Earn ten bonus points when half of all 11<sup>th</sup> and 12<sup>th</sup> graders retaking the FCAT meet the graduation requirement

# Florida's School Grading System

## 50% based on Performance

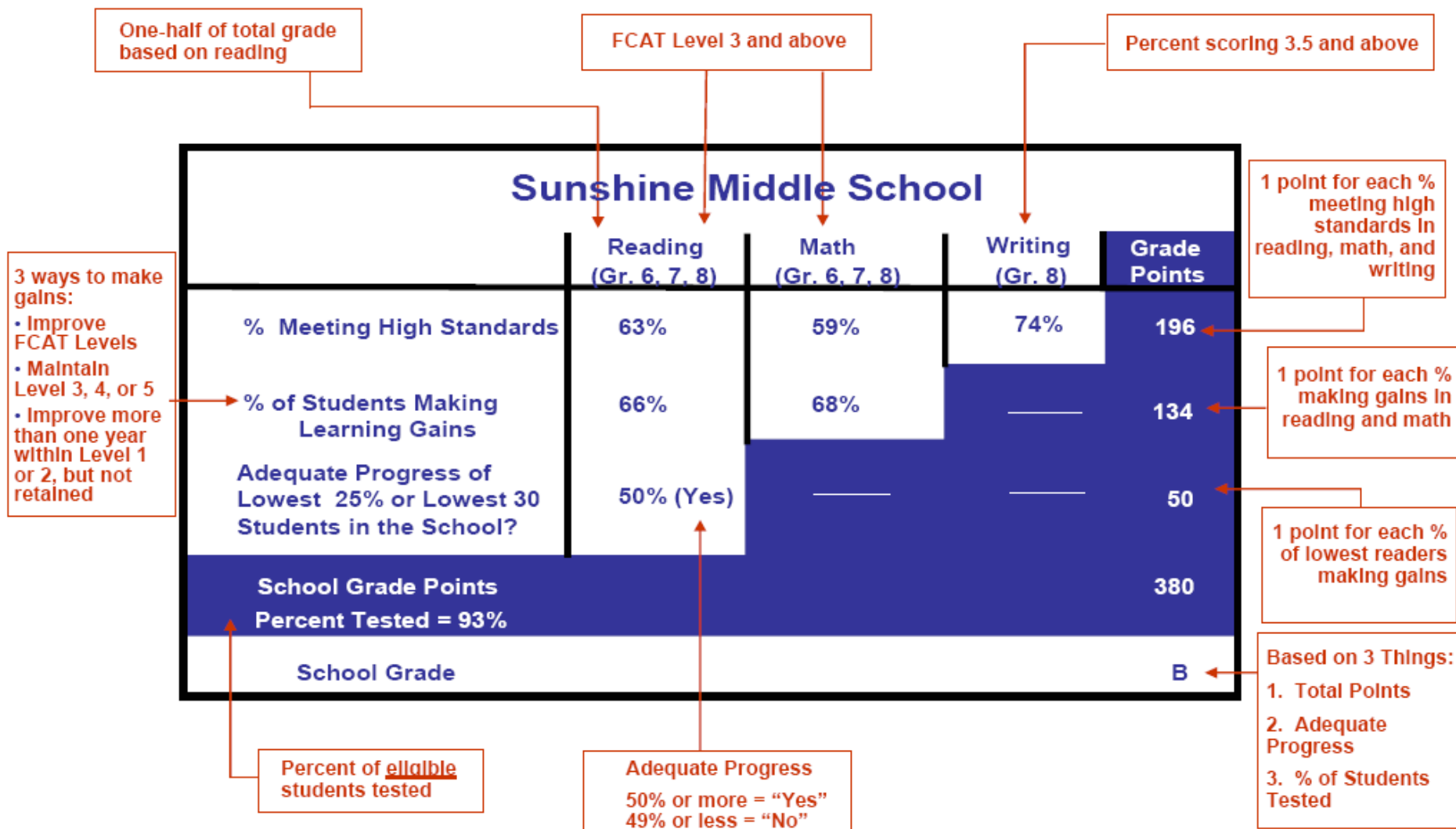
| READING                      | MATH           | WRITING     |
|------------------------------|----------------|-------------|
| Performance                  | Performance    | Performance |
| Learning Gains               | Learning Gains |             |
| Learning Gains of Lowest 25% |                |             |

# Florida's School Grading System

## 50% based on Learning Gains

| READING                         | MATH           | WRITING     |
|---------------------------------|----------------|-------------|
| Performance                     | Performance    | Performance |
| Learning Gains                  | Learning Gains |             |
| Learning Gains of<br>Lowest 25% |                |             |

# Example Report for 2005



# Florida's School Grading System

## 50% based on Performance

| READING                         | MATH                            | WRITING     | SCIENCE     |
|---------------------------------|---------------------------------|-------------|-------------|
| Performance                     | Performance                     | Performance | Performance |
| Learning Gains                  | Learning Gains                  |             |             |
| Learning Gains of<br>Lowest 25% | Learning Gains of<br>Lowest 25% |             |             |

# Florida's School Grading System

## 50% based on Learning Gains

| READING                      | MATH                         | WRITING     | SCIENCE     |
|------------------------------|------------------------------|-------------|-------------|
| Performance                  | Performance                  | Performance | Performance |
| Learning Gains               | Learning Gains               |             |             |
| Learning Gains of Lowest 25% | Learning Gains of Lowest 25% |             |             |

# Writing

The Writing component of the school grade will remain at 3.5 rather than increasing to 4.0 for determining the percent meeting high standards.

- This change is proposed because including the multiple choice items in Writing is an option in 2007-08 and Writing will become a graduation requirement in 2009-10.
- Based on feedback received, the Department proposes making all changes regarding Writing at the same time.

## Writing 4.0 - School Grading Scale

| <b>Grade</b> | <b>2005 Points</b> | <b>2005 Grades</b> | <b>Writing 4.0</b> | <b># Diff.</b> | <b>% Diff.</b> |
|--------------|--------------------|--------------------|--------------------|----------------|----------------|
| A            | 410+               | 1255               | 900                | -355           | -28%           |
| B            | 380 to 409         | 589                | 574                | -15            | -3%            |
| C            | 320 to 379         | 619                | 840                | 221            | 36%            |
| D            | 280 to 319         | 230                | 317                | 87             | 38%            |
| F            | < 280              | 78                 | 140                | 62             | 79%            |



# Science

Science added as a seventh component.

- One point would be awarded for each percent meeting high standards, achievement level 3 or above, on FCAT.
- The Science component was adopted in November 2003 by the State Board of Education.

## Science (Writing 3.5)

### Add 45 Points to School Grading Scale

| <b>Grade</b> | <b>2005 Points</b> | <b>Science</b> | <b>2005 Grades</b> | <b>Science</b> | <b># Diff.</b> | <b>% Diff.</b> |
|--------------|--------------------|----------------|--------------------|----------------|----------------|----------------|
| A            | 410+               | 455+           | 1255               | 1088           | -167           | -13%           |
| B            | 380 to 409         | 425-454        | 589                | 508            | -81            | -14%           |
| C            | 320 to 379         | 365-424        | 619                | 708            | 89             | 14%            |
| D            | 280 to 319         | 325-364        | 230                | 296            | 66             | 29%            |
| F            | < 280              | <325           | 78                 | 172            | 94             | 121%           |

# Math Lowest 25 Percent

Learning gains among students in the Math Lowest 25 Percent would be added as an eighth component.

- One point would be awarded for each percent making learning gains.
- This calculation would mirror the current Reading Lowest 25 Percent calculation.
- This maintains the balance of half meeting high standards and half learning gains in the school grade calculation.

## Math Low 25% (Writing 3.5)

### Add 70 Points to School Grading Scale

| <b>Grade</b> | <b>2005 Points</b> | <b>Math Low 25%</b> | <b>2005 Grades</b> | <b>Grades Math Low 25%</b> | <b># Diff.</b> | <b>% Diff.</b> |
|--------------|--------------------|---------------------|--------------------|----------------------------|----------------|----------------|
| A            | 410+               | 480+                | 1255               | 1263                       | 8              | 1%             |
| B            | 380 to 409         | 450 to 479          | 589                | 573                        | -16            | -3%            |
| C            | 320 to 379         | 390 to 449          | 619                | 605                        | -14            | -2%            |
| D            | 280 to 319         | 350 to 389          | 230                | 231                        | 1              | 0%             |
| F            | < 280              | <350                | 78                 | 99                         | 21             | 27%            |

# Revised School Grading Scale

- The school grading scale will be adjusted in 2006-07 to account for the addition of Science and the Math Lowest 25 Percent components, adding 200 points to the scale and requiring 115 more points to earn an A-F.

| <b>Grade</b> | <b>Current– 600 Point Scale</b> | <b>Proposed - 800 Point Scale</b> |
|--------------|---------------------------------|-----------------------------------|
| <b>A</b>     | 410+                            | 525+                              |
| <b>B</b>     | 380 to 409                      | 495 to 524                        |
| <b>C</b>     | 320 to 379                      | 435 to 494                        |
| <b>D</b>     | 280 to 319                      | 395 to 434                        |
| <b>F</b>     | < 280                           | < 395                             |

# Retakes of 11<sup>th</sup> and 12<sup>th</sup> Graders

- High schools would be able to earn ten bonus points toward their school grade when 50 percent of all 11<sup>th</sup> and 12<sup>th</sup> graders retaking the FCAT Reading and Mathematics meet the graduation requirement.

# Retakes of 11<sup>th</sup> and 12<sup>th</sup> Graders

## Maximum Impact

| <b>Grade</b> | <b>2005 Points</b> | <b>2005 Grades</b> | <b>If 10 points were added universally</b> | <b>Maximum Impact</b> |
|--------------|--------------------|--------------------|--|-----------------------|
| A            | 410+               | 59                 | 89   | 30                    |
| B            | 380 to 409         | 82                 | 95   | 13                    |
| C            | 320 to 379         | 133                | 165  | 32                    |
| D            | 280 to 319         | 95                 | 23   | -72                   |
| F            | < 280              | 21                 | 18   | -3                    |



# **Impact by Elementary, Middle, High, and Combination Schools**

# All Schools – 2771 Schools

## Science and Math Low 25% (Writing 3.5) Add 115 Points to School Grading Scale

| <b>Grade</b> | <b>2005 Grade</b> | <b>Science and Math Low 25%</b> | <b>Number Difference</b> | <b>Percent Difference</b> |
|--------------|-------------------|---------------------------------|--------------------------|---------------------------|
| <b>A</b>     | 1255              | 1105                            | -150                     | -12%                      |
| <b>B</b>     | 589               | 503                             | -86                      | -15%                      |
| <b>C</b>     | 619               | 668                             | 49                       | 8%                        |
| <b>D</b>     | 230               | 311                             | 81                       | 35%                       |
| <b>F</b>     | 78                | 184                             | 106                      | 136%                      |

# Elementary Schools – 1650 Schools

**Science Math and Low 25% (Writing 3.5)  
Add 115 Points to School Grading Scale**

| <b>Grade</b> | <b>2005 Grade</b> | <b>Science and Math Low 25%</b> | <b>Number Difference</b> | <b>Percent Difference</b> |
|--------------|-------------------|---------------------------------|--------------------------|---------------------------|
| <b>A</b>     | 946               | 813                             | -133                     | -14%                      |
| <b>B</b>     | 324               | 298                             | -26                      | -8%                       |
| <b>C</b>     | 283               | 357                             | 74                       | 26%                       |
| <b>D</b>     | 79                | 113                             | 34                       | 43%                       |
| <b>F</b>     | 18                | 69                              | 51                       | 283%                      |

# Middle Schools – 529 Schools

**Science Math and Low 25% (Writing 3.5)  
Add 115 Points to School Grading Scale**

| <b>Grade</b> | <b>2005 Grade</b> | <b>Science and Math Low 25%</b> | <b>Number Difference</b> | <b>Percent Difference</b> |
|--------------|-------------------|---------------------------------|--------------------------|---------------------------|
| <b>A</b>     | 192               | 176                             | -16                      | -8%                       |
| <b>B</b>     | 144               | 115                             | -29                      | -20%                      |
| <b>C</b>     | 153               | 152                             | -1                       | -1%                       |
| <b>D</b>     | 32                | 57                              | 25                       | 78%                       |
| <b>F</b>     | 8                 | 29                              | 21                       | 263%                      |

# High Schools – 390 Schools

**Science Math and Low 25% (Writing 3.5)  
Add 115 Points to School Grading Scale**

| <b>Grade</b> | <b>2005 Grade</b> | <b>Science and Math Low 25%</b> | <b>Number Difference</b> | <b>Percent Difference</b> |
|--------------|-------------------|---------------------------------|--------------------------|---------------------------|
| <b>A</b>     | 59                | 61                              | 2                        | 3%                        |
| <b>B</b>     | 82                | 60                              | -22                      | -27%                      |
| <b>C</b>     | 133               | 119                             | -14                      | -11%                      |
| <b>D</b>     | 95                | 109                             | 14                       | 15%                       |
| <b>F</b>     | 21                | 41                              | 20                       | 95%                       |

# Combination Schools- 202 Schools

**Science Math and Low 25% (Writing 3.5)  
Add 115 Points to School Grading Scale**

| <b>Grade</b> | <b>2005 Grade</b> | <b>Science and Math Low 25%</b> | <b>Number Difference</b> | <b>Percent Difference</b> |
|--------------|-------------------|---------------------------------|--------------------------|---------------------------|
| <b>A</b>     | 58                | 55                              | -3                       | -5%                       |
| <b>B</b>     | 39                | 30                              | -9                       | -23%                      |
| <b>C</b>     | 50                | 40                              | -10                      | -20%                      |
| <b>D</b>     | 24                | 32                              | 8                        | 33%                       |
| <b>F</b>     | 31                | 45                              | 14                       | 45%                       |