

Executive Summary

Monroe County School District

2010 FCAT Mathematics Results (Grades 3 – 10)

Monroe County students are outperforming their counterparts statewide on mathematics FCAT. All grade levels are above state averages when comparing both the mathematics mean scale score (based on a 100 – 500 point system) and the percent of students proficient in mathematics (at or above Level 3).

Grade 3 Mathematics Highlights

The mean scale score (based on a 100 – 500 point system) for Monroe County third grade students is 342 which is five points above the state average of 337. When compared to last year's results, the scores for both Monroe County and students statewide remained the same. Glynn Archer Elementary, Sigsbee Elementary and Big Pine Academy lead the group showing double-digit gains. Seven schools showed an increase in scores compared to 2009.

- Key West Montessori Charter School – 379 (+4 points)
- Big Pine Academy – 368 (+14 points)
- Plantation Key School – 348 (+1 point)
- Poinciana Elementary – 347 (+6 points)
- Sigsbee Elementary – 339 (+10 points)
- Glynn Archer Elementary – 326 (+19 points)
- Sugarloaf School – 324 (+2 points)

Currently, 83% of Monroe County third grade students are scoring at or above Level 3 (proficiency) which is five percentage points higher than the state average of 78%. When compared to last year's results, both Monroe County and students statewide remained the same. While Glynn Archer Elementary showed double-digit improvement, a total of four schools showed an increase in the percentage of students' proficient compared to last year. The most commendable percentage was realized by Big Pine Academy and Key West Montessori Charter School with 100% of their third grade students scoring proficient in mathematics for the past two years.

- Poinciana Elementary – 88% (+8% points)
- Stanley Switlik Elementary – 81% (+1% point)
- Glynn Archer Elementary – 79% (+22% points)
- Gerald Adams Elementary – 76% (+1% point)

Grade 4 Mathematics Highlights

The mean scale score (based on a 100 – 500 point system) for Monroe County fourth grade students is 335 which is five points above the state average of 330. When compared to last year's results, Monroe County students increased five points while student scores statewide remained the same. Five schools realized double digit gains with Key West Montessori Charter School and Treasure Village Montessori Charter School showing gains of more than 30 percentage points. Six schools showed an increase over the 2009 school year.

- Big Pine Academy – 370 (+20 points)
- Treasure Village Montessori Charter School – 366 (+35 points)
- Key West Montessori Charter School – 364 (+34 points)
- Gerald Adams Elementary School – 334 (+18 points)
- Poinciana Elementary – 332 (+7 points)
- Sugarloaf School – 325 (+19 points)

Currently, 80% of Monroe County fourth grade students are scoring at or above Level 3 (proficiency) which is six percentage points higher than the state average of 74%. When compared to last year's results, Monroe County students increased three percentage points while students statewide decreased one. Eight schools posted gains from the 2009 school year. Sugarloaf School, Gerald Adams Elementary and Key West Montessori Charter School saw a double-digit increase in their scores from last year. The most commendable percentage was realized by Key West Montessori and Big Pine Academy with 100% of their fourth grade students scoring proficient in mathematics.

- Big Pine Academy – 100% (+7% points)
- Key West Montessori Charter School – 100% (+12% points)
- Key Largo School – 85% (+2% points)
- Gerald Adams Elementary – 84% (+16% points)
- Treasure Village Montessori Charter School – 84% (+8% points)
- Poinciana Elementary – 78% (+6% points)
- Sugarloaf School – 75% (+11% points)
- Glynn Archer Elementary – 71% (+9% points)

Grade 5 Mathematics Highlights

The mean scale score (based on a 100 – 500 point system) for Monroe County fifth grade students is 340 which is four points above the state average of 336. When compared to last year's results, Monroe County students decreased one point while students statewide increased one. Key West Montessori Charter School showed an impressive 39 point gain. Together with Key Largo School and Treasure Village Montessori Charter School, all three schools lead the group showing double-digit gains. Seven schools showed an increase in scores compared to 2009.

- Big Pine Academy – 361 (+4 points)
- Key West Montessori Charter School – 357 (+39 points)
- Sigsbee Elementary – 351 (+3 points)
- Plantation Key School – 347 (+8 points)
- Treasure Village Montessori Charter School – 346 (+14 points)
- Key Largo School – 344 (+10 points)
- Sugarloaf School – 330 (+1 point)

Currently, 70% of Monroe County fifth grade students are scoring at or above Level 3 (proficiency) which is seven percentage points higher than the state average of 63%. When compared to last year's results, both Monroe County and students statewide increased one percentage point. While four schools showed double-digit improvement, a total of six schools showed an increase in the percentage of students' proficient compared to last year. Treasure Village Montessori Charter School made

outstanding gains with a 47 percentage point leap from last year. The most exemplary percentage was earned by Big Pine Academy with 100% of their fifth grade students scoring proficient in mathematics.

- Big Pine Academy – 100% (+17% points)
- Key West Montessori Charter School – 93% (+47% points)
- Sigsbee Elementary – 78% (+5% points)
- Key Largo School – 76% (+10% points)
- Stanley Switlik Elementary – 76% (+1% point)
- Glynn Archer Elementary – 64% (+10% points)

Grade 6 Mathematics Highlights

The mean scale score (based on a 100 – 500 point system) for Monroe County sixth grade students is 320 which is one point above the state average of 319. When compared to last year’s results, Monroe County students decreased two points while students statewide increased three. Treasure Village Montessori Charter School made outstanding gains with a 32 point leap from last year. Two schools showed an increase in scores.

- Treasure Village Montessori Charter School – 341 (+32 points)
- Horace O’Bryant Middle School – 325 (+1 points)

Currently, 58% of Monroe County sixth grade students are scoring at or above Level 3 (proficiency) which is one percentage point higher than the state average of 57%. When compared to last year’s results, Monroe County students decreased four percentage points while students statewide increased two. Once again, Treasure Village Montessori Charter School showed double – digit gains over 2009.

- Treasure Village Montessori Charter School –76% (+15% points)

Grade 7 Mathematics Highlights

The mean scale score (based on a 100 – 500 point system) for Monroe County seventh grade students is 316 which is two points above the state average of 314. When compared to last year’s results, Monroe County students decreased seven points while students statewide remained the same. Horace O’Bryant Middle School, Sugarloaf School and Plantation Key School are all scoring above the state mean scale score. One school showed improvement when compared to last year.

- Plantation Key School – 326 (+1 point)

Currently, 65% of Monroe County seventh grade students are scoring at or above Level 3 (proficiency) which is four percentage points higher than the state average of 61%. When compared to last year’s results, Monroe County students decreased four percentage points while students statewide increased one. With the highest ranked score in the district, 71% of Plantation Key School students are proficient in mathematics.

Grade 8 Mathematics Highlights

The mean scale score (based on a 100 – 500 point system) for Monroe County eighth grade students is 332 which is eight points above the state average of 324. When compared to last year’s results, Monroe County students increased four points while students statewide increased two. Key Largo School

showed a double-digit increase when compared to last year. Three schools showed an improvement over last year's scores.

- Key Largo School – 339 (+11 points)
- Plantation Key School – 335 (+3 points)
- Horace O'Bryant – 332 (+7 points)

Currently, 75% of Monroe County eighth grade students are scoring at or above Level 3 (proficiency) which is seven percentage points higher than the state average of 68%. When compared to last year's results, Monroe County students increased three percentage points while students statewide increased two. Key Largo School showed an increase in scores from last year.

- Key Largo School – 85% (+1% point)

Grade 9 Mathematics Highlights

The mean scale score (based on a 100 – 500 point system) for Monroe County ninth grade students is 313 which is two points above the state average of 311. When compared to last year's results, Monroe County students remained the same while students statewide decreased two points. Key West High School showed improvement when compared to last year.

- Key West High School – 312 (+4 points)

Currently, 69% of Monroe County ninth grade students are scoring at or above Level 3 (proficiency) which is two percentage points higher than the state average of 67%. When compared to last year's results, both Monroe County and students statewide decreased one percentage point. Coral Shores High School and Marathon High School's scores are tied for the highest percent of students' proficient. Key West high School is the only school to show a gain when compared to last year.

- Key West High School – 68% (+4% points)

Grade 10 Mathematics Highlights

The mean scale score (based on a 100 – 500 point system) for Monroe County tenth grade students is 333 which is two points above the state average of 331. When compared to last year's results, Monroe County students increased two points while students statewide increased four. Two schools showed an increase over last year.

- Coral Shores High School – 341 (+4 points)
- Key West High School – 330 (+3 points)

Currently, 75% of Monroe County tenth grade students are scoring at or above Level 3 (proficiency) which is two percentage points higher than the state average of 73%. When compared to last year's results, Monroe County students remained the same while students statewide increased four. One school showed improvement over last year and continues to score the highest in the district.

- Coral Shores High School – 84% (+1% points)