

Middle Creek Elementary

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110 Middle Creek Park Avenue

Apex, NC 27539

This profile contains 2001-02 information describing the school environment, student population, and accountability program results. Access current information by visiting the school's website at the link above.

Current Principal: Lois Hart

Current Phone: (919) 773-9555

Current Fax: (919) 773-9568

Information for 2001-02 School Year

Principal: Lois Hart

Grade Levels Served: K-5

Calendar: Traditional

Original Construction Date: 2000

Most Recent Renovation:

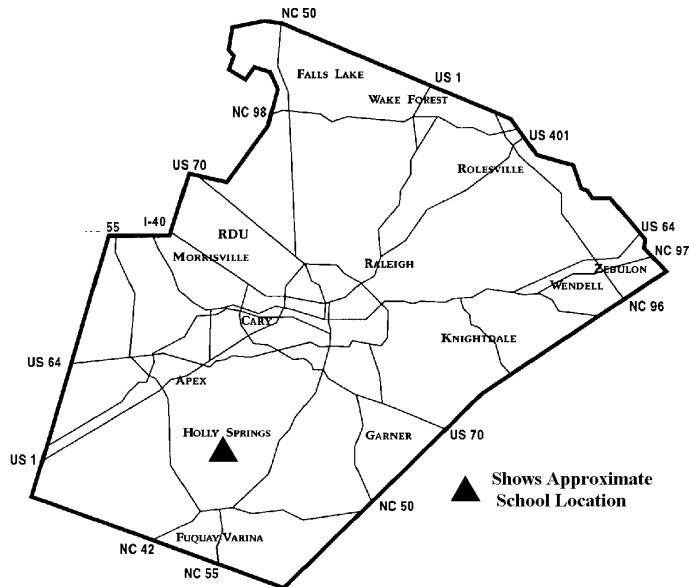
Building Square Footage: 87,654

Size of Property (acres): 18.3

Permanent Classrooms: 38

Portable Classrooms: 0 (as of 12-12-01)

Campus Capacity: 66% (as calculated by the WCPSS Facilities Department)



Mission/Program Description for the 2001-02 School Year

Our mission at Middle Creek Elementary is to educate every child to become a responsible learner in a safe and cooperative environment.

Teachers use a variety of methods to deliver instruction. Our school improvement efforts center around improving student performance in reading, writing, math, and school climate. Teachers use various methods of instruction as they integrate across the curriculum. Middle Creek Elementary offers a challenging academic program in which teachers use portfolio assessment, literacy assessments, collaboration among grade levels, and many parent volunteers/tutors in their classrooms.

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Fall 2001-02 Student Population Characteristics

| | Male | | | | | Female | | | | | Total |
|---------------------|------------|-----------|----------|-----------|----------|------------|-----------|----------|----------|----------|------------|
| | White | Black | Asian | Hisp | Other | White | Black | Asian | Hisp | Other | |
| Kindergarten | 38 | 12 | 0 | 1 | 3 | 20 | 14 | 2 | 2 | 0 | 92 |
| Grade 1 | 21 | 15 | 1 | 2 | 1 | 21 | 11 | 0 | 2 | 0 | 74 |
| Grade 2 | 20 | 10 | 2 | 1 | 3 | 25 | 10 | 1 | 0 | 1 | 73 |
| Grade 3 | 24 | 11 | 0 | 4 | 0 | 24 | 19 | 1 | 0 | 0 | 83 |
| Grade 4 | 18 | 15 | 2 | 3 | 1 | 18 | 16 | 1 | 2 | 0 | 76 |
| Grade 5 | 20 | 15 | 0 | 3 | 0 | 18 | 18 | 1 | 1 | 1 | 77 |
| TOTAL | 141 | 78 | 5 | 14 | 8 | 126 | 88 | 6 | 7 | 2 | 475 |

Note: Counts of students refer to the 20th day of the school year.

Students Identified for Special Programs as of October 2001

Academically Gifted: 21

Special Education (not AG): 56

ESL (English as a Second Language): 0

| | 2001-02 | 2000-01 | 1999-00 | 1998-99 |
|---|---------|---------|---------|---------|
| Total Membership at End of First 20 Days | 475 | 452 | | |
| Percent Receiving Free/Reduced Lunch | 33% | 32% | | |
| Average Daily Attendance (calc. at end of school year) | 95.1% | 95.1% | | |

2001-02 Student Mobility

Student Mobility measures describe how much students move into, out of, and between schools. Mobility can impact classroom planning and student performance when students leave and are replaced by other students whose needs must be assessed.

One measure of mobility is "stability"-- the percentage of students at a school at the end of the year who were continually enrolled in the school since the first week. The higher the percentage, the more "stable" the student population has been.

Stability:

This school in 2001-02: **92%**

All elementary schools in 2001-02: 92%

Another measure of mobility is "turbulence"-- the movement in and out of a school during the year after the first 20 days. This is calculated by adding all entries and withdrawals and then dividing by the cumulative enrollment (all students who enter the school during the year). A lower percentage shows less mobility.

Turbulence:

This school in 2001-02: **18%**

All elementary schools in 2001-02: 17%

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School Effectiveness Over Time

The Effectiveness Index is a method for comparing the achievement of students in a particular school with the achievement of similar students across the entire school district. Variables considered in the model include the prior year's achievement scores for each student, each student's special education status, and two measures of socioeconomic status. Achievement test scale scores are analyzed for all of the students in a school who take an end-of-year test, and schoolwide performance is summarized by comparing how students in that school perform to how all similar students perform across the school district. If schoolwide performance is similar to what occurs districtwide in 75-80% of schools, the category is labeled "Expected." If performance varies significantly, the category is labeled "Below" or "Above" to indicate that achievement on end-of-year tests was below or above what might be expected based upon the characteristics of the students in the school. The indices are based upon North Carolina End-of-Grade Tests administered in grades 3-8.

Measuring This School's EOG Achievement Against Similar Students Across Wake County

| | 2001-02 | | 2000-01 | | 1999-00 | |
|------------------|----------------|-------------|----------------|-------------|----------------|-------------|
| | Reading | Math | Reading | Math | Reading | Math |
| 3rd Grade | Expected | Above | Expected | Expected | | |
| 4th Grade | Expected | Expected | Expected | Expected | | |
| 5th Grade | Expected | Above | Expected | Above | | |

Results from the North Carolina ABC Accountability Program

In 1996, the State Board of Education was given the authority to implement a plan that sets student achievement goals for every North Carolina school. The "ABC" Plan sets school level standards for students' growth and performance in Reading, Writing, and Mathematics. All elementary and middle schools in the state are evaluated annually on the results of the statewide End-of-Grade (EOG) Reading and Mathematics Tests. Growth standards ("Expected" and "High") were set by a formula developed for the State Board of Education.

Performance: The "Composite Performance" was defined in 2002 as the percentage of EOG tests and alternative assessments administered in the school on which students achieved scores equal to or greater than established grade level standards. Schools with more than 80% of test scores at or above grade level were designated as "Schools of Distinction," and schools with more than 90% of test scores at or above grade level were designated as "Schools of Excellence" by the State Board of Education if the school achieved Expected or High growth.

| | | | |
|---|-----------------------|-----------------------|-----------------------|
| | <u>2001-02</u> | <u>2000-01</u> | <u>1999-00</u> |
| The Composite Performance scores for this school: | 90.0% | 81.5% | |

Growth: The Expected and High Growth targets for every school were based upon EOG pretests administered at the beginning of third grade or the end of the previous school year for students in grades 4-8. Average student growth was calculated and compared to the standards. Prior to 2002, "High Growth" was called "Exemplary Growth" by the State Board of Education.

In 2001-02 this school: **Met High Growth Standard**

In 2000-01 this school: **Met the exemplary growth standard**

In 1999-00 this school:

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Writing Test Results

The North Carolina Writing Test was administered in grades 4 and 7 in 2002. However, after tests were scored by an independent contractor, the State Board of Education determined the results were invalid and would not be used in the accountability program for the 2001-02 school year. Charts comparing writing results over time are not included in this volume of School Profiles because of the State Board's decision. A new writing test with a more detailed scoring system will be piloted statewide in North Carolina during the 2002-03 school year.

End-Of-Grade Test Results

End-of-Grade tests are given statewide in North Carolina at the end of grades 3, 4, 5, 6, 7, and 8. EOG tests use a multiple-choice format and measure Reading and Mathematics skills, using multiple forms of the test in each classroom. Results are reported as scale scores that can range from approximately 100 to 200 across the six grade levels. Progress is measured from year to year as scores move up the scale. The following table and figure show the mean (average) scale scores for students in this school for the past three years. Reading across a line compares the performance of three different cohorts of students at a grade level for three years. Reading diagonally (as indicated by the arrows) follows a cohort of students across years.

A new set of EOG mathematics tests were administered in the 2000-2001 school year. The North Carolina Dept. of Public Instruction (NCDPI) used a new scale ranging from 200 to 300 for these tests.

| | Reading | | | Mathematics | | |
|------------------|---------|-------|-------|-------------|-------|-------|
| | 2000 | 2001 | 2002 | 2000 | 2001 | 2002 |
| 3rd Grade | | 149.3 | 150.9 | | 252.3 | 255.1 |
| 4th Grade | | 150.9 | 150.9 | | 255.8 | 258.6 |
| 5th Grade | | 155.4 | 157.8 | | 261.6 | 263.5 |

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In August, 1998, the WCPSS Board of Education adopted the following goal for the school system:

“The Wake County Public School System is committed to academic excellence. By 2003, 95% of students tested will be at or above grade level as measured by NC EOG testing at grades 3 and 8.”

The progress of students in this school toward the systemwide goal is shown in the following figures. The tables report the percentage of students whose scale score on EOG tests was at or above grade level. The graphs compare the May 2002 percentages of the school (bars) and the system (dots) for each subgroup. If a subgroup has fewer than 10 students, the percentage is blank and the bar is missing on the graph.

Percentage of Students in Levels III or IV by Race and by Gender

| Reading | | | | | | | Mathematics | | | | | | |
|---------|----------------|------|------|----------------|------|------|-------------|----------------|------|------|----------------|------|------|
| 3rd | All Students | | | White Students | | | 3rd | All Students | | | White Students | | |
| | 2000 | 2001 | 2002 | 2000 | 2001 | 2002 | | 2000 | 2001 | 2002 | 2000 | 2001 | 2002 |
| | | 80 | 90 | | 98 | 96 | | | 73 | 90 | | 95 | 96 |
| | | 78 | 86 | | 92 | 100 | | | 89 | 88 | | 97 | 100 |
| 4th | | 84 | 90 | | 90 | 97 | 4th | | 91 | 97 | | 97 | 97 |
| 5th | Black Students | | | Other Students | | | 5th | Black Students | | | Other Students | | |
| | 2000 | 2001 | 2002 | 2000 | 2001 | 2002 | | 2000 | 2001 | 2002 | 2000 | 2001 | 2002 |
| | | 52 | 76 | | | | | | 41 | 77 | | | |
| | | 62 | 65 | | | | | | 76 | 71 | | | |
| | | 77 | 76 | | | | | 84 | 96 | | | | |
| 3rd | Males | | | Females | | | 3rd | Males | | | Females | | |
| | 2000 | 2001 | 2002 | 2000 | 2001 | 2002 | | 2000 | 2001 | 2002 | 2000 | 2001 | 2002 |
| | | 82 | 87 | | 77 | 92 | | | 71 | 88 | | 74 | 92 |
| | | 75 | 83 | | 81 | 88 | | | 88 | 86 | | 90 | 90 |
| | | 75 | 90 | | 91 | 89 | | 86 | 97 | | 94 | 97 | |

2001-02 Percentage of Students in Levels III or IV by Race and by Gender

