

## Cary Elementary @ Reedy Creek Middle

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930 Reedy Creek Road

Cary, NC 27513

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:** LaVaughn Buchanan

**Current Phone:** (919) 460-3455

**Current Fax:** (919) 460-3550

### Information for 2001-02 School Year

**Principal:** LaVaughn Buchanan

**Grade Levels Served:** K-5

**Calendar:** Traditional

**Original Construction Date:** 1935

**Most Recent Renovation:** 1992

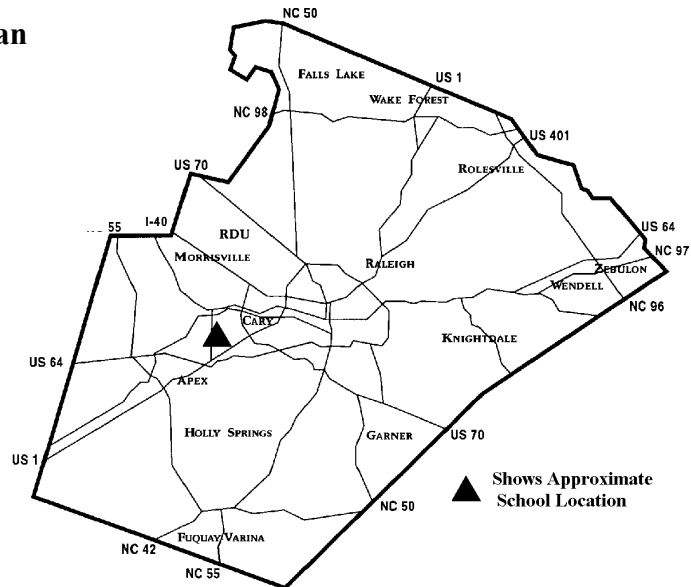
**Building Square Footage:** 107,954

**Size of Property (acres):** 15.1

**Permanent Classrooms:** 44

**Portable Classrooms:** 3 (as of 12-12-01)

**Campus Capacity:** 95% (as calculated by the WCPSS Facilities Department)



▲ Shows Approximate School Location

### Mission/Program Description for the 2001-02 School Year

Cary Elementary's commitment to academic excellence and personal growth for all children is a source of pride for students, staff, and parents, and has been validated by current grants totaling more than \$200,000 from local, state, and national sources. Grants include: Reader's Digest Library Power for upgrading our Media Center to help children prepare for life and learning in the 21st century; School to Career grant in conjunction with East Cary Middle, Athens Drive and Mary Phillips High Schools; Violence Prevention Taskforce; Student Support Team which provides an interagency network of academic, medical, and social support for children; and those from numerous businesses and corporations which have provided several computers in each classroom and networking to the myriad learning resources in our Media Center. In addition, Meredith College, UNC Chapel Hill, the NC Association for Supervision and Curriculum Development, and other academic and professional organizations have chosen Cary Elementary as a demonstration site for excellence in teaching.

Located on the historic site of the first public high school in North Carolina (1896), Cary Elementary is a traditional school dedicated to a tradition of excellence.

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**Fall 2001-02 Student Population Characteristics**

	Male					Female					Total
	White	Black	Asian	Hisp	Other	White	Black	Asian	Hisp	Other	
<b>Kindergarten</b>	32	12	1	7	1	35	14	2	7	5	<b>116</b>
<b>Grade 1</b>	33	22	0	6	3	30	13	1	5	3	<b>116</b>
<b>Grade 2</b>	39	17	2	4	2	35	15	3	8	2	<b>127</b>
<b>Grade 3</b>	23	15	4	6	0	38	22	2	8	2	<b>120</b>
<b>Grade 4</b>	34	25	3	5	1	32	18	1	8	2	<b>129</b>
<b>Grade 5</b>	37	8	2	6	1	46	17	1	6	4	<b>128</b>
<b>TOTAL</b>	<b>198</b>	<b>99</b>	<b>12</b>	<b>34</b>	<b>8</b>	<b>216</b>	<b>99</b>	<b>10</b>	<b>42</b>	<b>18</b>	<b>736</b>

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

**Students Identified for Special Programs as of October 2001**

Academically Gifted: 57

Special Education (not AG): 110

ESL (English as a Second Language): 70

	2001-02	2000-01	1999-00	1998-99
<b>Total Membership at End of First 20 Days</b>	736	758	779	858
<b>Percent Receiving Free/Reduced Lunch</b>	34%	34%	33%	33%
<b>Average Daily Attendance</b> (calc. at end of school year)	95.7%	95.7%	95.0%	95.5%

**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: **93%**

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: **24%**

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 socio-economic 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**

	<b>2001-02</b>		<b>2000-01</b>		<b>1999-00</b>	
	<b>Reading</b>	<b>Math</b>	<b>Reading</b>	<b>Math</b>	<b>Reading</b>	<b>Math</b>
<b>3rd Grade</b>	Above	Above	Expected	Expected	Expected	Expected
<b>4th Grade</b>	Expected	Expected	Below	Below	Expected	Expected
<b>5th Grade</b>	Above	Expected	Expected	Expected	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:	<b>86.1%</b>	<b>77.7%</b>	<b>73.2%</b>

**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 expected growth standard**
- In 1999-00 this school: **Met the exemplary growth standard**

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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
<b>3rd Grade</b>	146.9	148.3	152.2	143.5	251.4	255.7
<b>4th Grade</b>	151.3	151.2	151.2	153.8	256.2	259.4
<b>5th Grade</b>	156.0	156.8	158.9	161.3	261.2	263.5

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

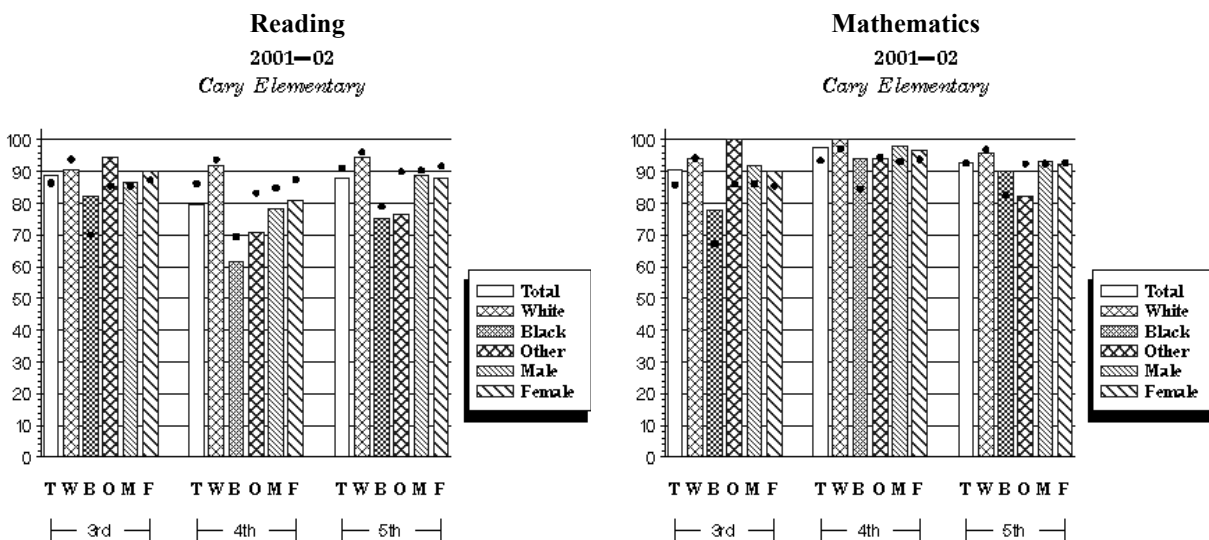
**“The Wake County Public School System is committed to academic excellence. By 2003, 95% of students tested will be at or above grade level as measured by NC EOG testing at grades 3 and 8.”**

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					
		All Students			White Students			All Students			White Students		
		2000	2001	2002	2000	2001	2002	2000	2001	2002	2000	2001	2002
3rd	3rd	72	77	89	92	89	90	66	76	91	85	89	94
	4th	76	73	80	85	86	92	82	83	97	99	93	100
	5th	80	85	88	90	96	94	88	91	93	91	99	96
4th	4th	36	53	82	67	85	94	30	58	78	67	62	100
	4th	44	41	62	86	62	71	44	57	94	71	77	94
	5th	42	59	75	87	83	77	69	70	90	100	100	82
5th	5th	67	70	87	77	85	90	64	74	92	67	79	90
	4th	77	68	78	75	78	81	87	83	98	77	83	97
	5th	76	85	89	84	86	88	85	95	93	91	88	92

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



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**WCPSS Survey Results**

During the 1990s WCPSS conducted periodic surveys of parents and high school students. Beginning with the 2000-01 school year, the district is surveying samples of parents and students annually at all schools. Some of the items on the surveys will be kept constant over time so that schools can measure improvement. The following two tables show the percentage of respondents "agreeing" or "strongly agreeing" with selected statements from the surveys. When comparing percentages across years, note that the 2001 surveys included an option to mark "Uncertain." This option was not included in the 2002 surveys.

**Parent Survey Results** (Approximately 150 parents surveyed.) **2002** **2001**

My child's school is a safe place to learn.	98.8 %	91.2 %
My child's school provides a high quality educational program.	95.1 %	86.0 %
My child is given challenging work in all classes.	86.6 %	82.5 %
If I call the school, I receive courteous attention.	100.0 %	93.0 %
Students at my child's school are well behaved overall.	87.7 %	69.1 %
The rules of this school are fair.	97.6 %	89.3 %
Teachers in this school really seem to care about the students.	96.3 %	89.5 %
This school promotes understanding among students from various backgrounds.	95.0 %	N/A
<b>The percentage of Parents returning the survey at this school was:</b>	<b>65%</b>	<b>63%</b>

**Student Survey Results** (Approximately 150 students surveyed.) **2002** **2001**

This school is a safe place to learn.	96.8 %	86.4 %
The students at this school get along with each other.	34.9 %	17.2 %
The rules of this school are fair.	85.6 %	71.9 %
It is easy to get help from the adults in this school.	81.9 %	83.3 %
I like my school.	87.4 %	N/A

This table compares the percentage of Parents and Students rating this school in 2002 as "good" or "excellent" on helping students learn certain skills.

**Parents Students**

Reading Skills	90.4 %	87.2 %
Writing Skills	89.2 %	86.0 %
Math Skills	91.6 %	91.2 %
Social Studies Skills	79.3 %	75.8 %
Science Skills	78.8 %	84.7 %

**Grades given to this school on the 2002 Parent Survey:** **A** 44.4 % **B** 45.7 % **C** 9.9 % **D** 0.0 % **F** 0.0 %