

Center For Advanced Technical Studies

916 Mount Vernon Church Road
Chapin, SC 29036



South Carolina State Report Card

State and federal laws require public schools to release report cards to the public each year. This year, the report card has been updated to reflect changes in reporting directed by the SC Education Oversight Committee. Schools will not be rated for state accountability purposes until Fall 2017 when the state will transition to a single accountability system. The following reports student performance in school year 2014-15.

Grades:	9-12 High	Principal:	Dr. James R. Couch
Enrollment:	-1 students	Superintendent:	Stephen W. Hefner, Ed.D.
School Phone:	803-476-8600	Board Chair:	Beth Hutchison
School Website:	http://www.lexrich5.org/CATS.cfm		



Profile of the SC Graduate

World Class Knowledge

- Rigorous standards in language arts and math for career and college readiness
- Multiple languages, science, technology, engineering, mathematics (STEM), arts and social sciences*

World Class Skills

- Creativity and innovation
- Critical thinking and problem solving
- Collaboration and teamwork
- Communication, information, media and technology
- Knowing how to learn

Life and Career Characteristics

- Integrity
- Self-direction
- Global perspective
- Perseverance
- Work ethic
- Interpersonal skills

* 21st Century core courses in Social Sciences include History, Geography, Economics, Government and Civics.

WORLD CLASS SKILLS & LIFE AND CAREER CHARACTERISTICS

Our school is helping all students develop the world class skills and life and career characteristics of the Profile of the Graduate by ...

The Center for Advanced Technical Studies (The Center) is helping students in District Five develop the world class skills and life and career characteristics of the Profile of the South Carolina Graduate by offering a challenging curriculum that aligns with 21st century workforce needs. The 2014-15 school year has come to a close at the Center, and it has been another great year. Students were able to complete some amazing capstone projects and their creativity and innovative skills continue to be demonstrated in the work they do in labs resulting in defining real world problems and solutions.

The instructional method used at the Center, where each student takes ownership of his and/or her learning, is no doubt a big hit with the students and the results are being observed in all programs. Students have expressed that they love the opportunity to own their work, and with that ownership comes passion for learning.

We have continued to have a tremendous number of visitors through the Center that includes meetings within the district held at the Center and groups from outside the District. The number of visitors through the doors this year is very close to 10,000. That number includes over 100 culinary events including an event with 4,500 individuals attending of which our culinary arts students prepared a meal. We had our third Chinese Delegation from Beijing Day School visit recently and they enjoyed having the opportunity to interact with the students.

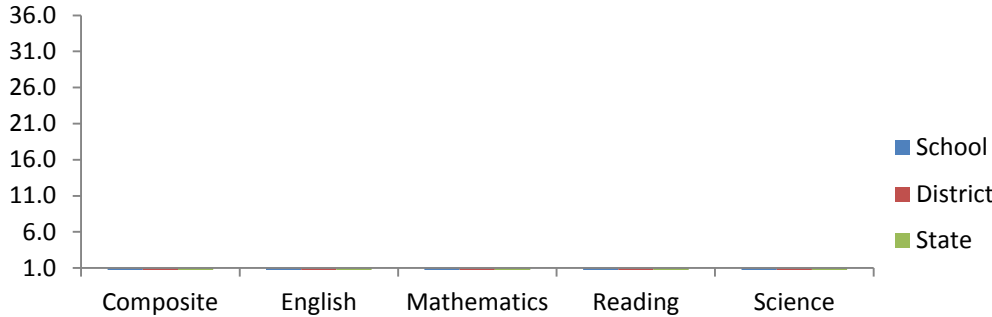
Students continue to excel in competitions where they have won numerous awards. Our intent is to gently encourage and push students to gain confidence and begin to feel comfortable presenting to peers and outside groups. Communication skills are critical for students to develop for the future. Our instructional culture emphasizes the use of soft skills where students work in groups, have deadlines to meet, assume responsibility for their part of the project, and must be a collaborative partner. These experiences support students assuming ownership of their behavior that is so critical to success in school, work, and life.

Overall we had another great year, and as always, we thank you for placing your child at the Center in our trust. We take our responsibility seriously and want to help your child reach his and her goals.

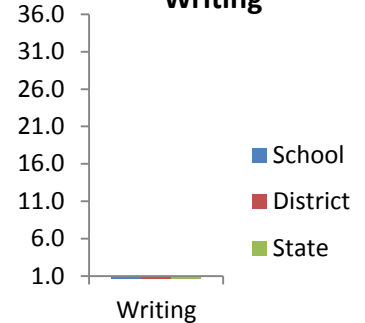
James R. Couch, Ph. D, Director and Alan Grier, Ph. D. Advisory Chair

KNOWLEDGE

Average ACT Score Achieved by Students: English, Math, Reading, Science, Composite of all four tests, 2015



Average ACT Score Achieved by Students: Writing

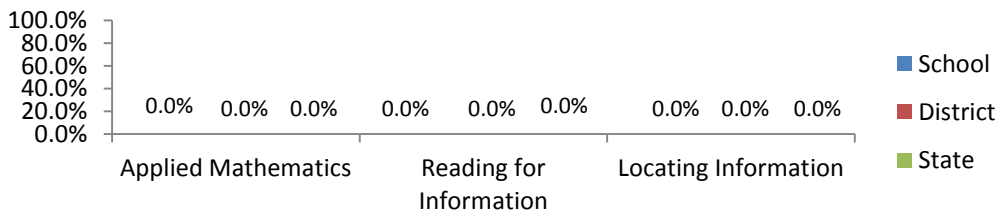


The ACT, a college readiness assessment, was given to every South Carolina 11th grader in 2015 with the exception of those eligible for alternate assessments. The ACT scores range from 0 to 36. The district and state averages are included for comparison. State averages for ACT data are based on regular public schools and do not include private schools in the state.

Percent of Students Meeting ACT College-Ready Benchmarks, 2015				
English Benchmark Score: 18	Math Benchmark Score: 22	Reading Benchmark Score: 22	Science Benchmark Score: 23	All 4 Subjects
N/A	N/A	N/A	N/A	N/A

ACT benchmarks are scores on the ACT subject-area tests that represent the level of achievement required for students to have a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in corresponding credit-bearing first-year college courses.

Percent of Students Meeting Platinum, Gold, or Silver Threshold on WorkKeys, 2015



ACT WorkKeys is a job skills assessment system measuring "real world" skills that employers believe are critical in the workplace. The assessment is given to every South Carolina 11th grader with the exception of those eligible for alternative assessments. The assessment consists of three subtests: Applied Mathematics, Reading for Information, and Locating Information. Students can earn certificates at the Platinum, Gold, Silver, and Bronze level on WorkKeys assessments.

The ACT is a registered trademark of ACT, Inc.

Abbreviations for Missing Data

- N/A-Not Applicable
- N/AV-Not Available
- N/C-Not Collected
- N/R-Not Reported
- I/S-Insufficient Sample

KNOWLEDGE

SAT Performance				
Percent of Students Tested	Average Critical Reading Score	Average Math Score	Average Writing Score	Average Composite Score
N/A	N/A	N/A	N/A	N/A

The highest composite score on the SAT is a 2400. For each of the three sections of the test, the highest score is 800.

End of Course Tests

Percent of tests with scores of 70 or above on:	Our School	High Schools with Students Like Ours	State
Algebra 1/Math for the Technologies 2	N/A	N/A	N/A
English 1	N/A	N/A	N/A
Biology 1	N/A	N/A	N/A
US History and the Constitution	N/A	N/A	N/A
All Subjects	N/A	N/A	N/A

High Schools with Students Like Ours are high schools with poverty indices of no more than 5% above or below the index for the school.

OUTCOMES

State Graduation Rate	
Four-Year	Five-Year
80.3	82.0

School Four-Year Cohort Graduation Rate			
2015	2014	2013	2012
N/A	N/A	N/A	N/A

School Five-Year Cohort Graduation Rate			
2015	2014	2013	2012
N/A	N/A	N/A	N/A

Percentage of Seniors Eligible for LIFE Scholarship		
Our School	District	State
N/A	63.0	42.2

Percentage of Students from 2014 Graduating Class Enrolled in a two- or four-year college or technical college pursuing an associates degree, certificate, or diploma in Fall 2014		
Our School	District	State
N/A	N/A	N/A

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OPPORTUNITIES

For students to meet the profile of the SC Graduate

	Our School	Change from Last Year	High Schools with students like ours
Students (n = -1)			
Percent of students participating in Medicaid, SNAP, or TANF; homeless, foster, or migrant students (poverty index)	N/A	N/A	N/A
Attendance Rate	N/A	N/A	N/A
With disabilities	N/A	N/A	N/A
Out of school suspensions or expulsions for violent and/or criminal offenses	N/A	N/A	N/A
Percentage of students served by gifted and talented programs	N/A	N/A	N/A
Enrolled in AP/IB programs	N/A	N/A	N/A
Successful in AP/IB programs	N/A	N/A	N/A
Career/tech students in co-curricular organizations	46.9	N/A	N/A
Enrollment in career/technology courses	878	N/A	N/A
Students participating in work-based experiences	17.7	N/A	N/A
Number of seniors who have completed FAFSA forms	N/A	N/A	N/A
Percentage of seniors completing college applications	N/A	N/A	N/A
Number of students in dual enrollment courses	N/A	N/A	N/A
Success rate of students in dual enrollment courses	N/A	N/A	N/A
Annual dropout rate	N/A	N/A	N/A
Dropout recovery rate	N/A	N/A	N/A
Percentage of students retained	N/A	N/A	N/A
Teachers (n = 21)			
Percentage of teachers with advanced degrees	38.1	N/A	N/A
Percentage of teachers on continuing contract	71.4	N/A	N/A
Teachers returning from previous year	N/A	N/A	N/A
Teacher attendance rate	96.1	N/A	N/A
Average teacher salary*	\$52,272	N/A	N/A
Professional development days / teacher	7.7 days	N/A	N/A
Percentage of classes not taught by highly qualified teachers	N/A	N/A	N/A
Percentage of teacher vacancies for more than 9 weeks	0.0	N/A	N/A

Evaluations by Teachers, Students, and Parents

Evaluations by Teachers, Students and Parents

	Teachers	Students*	Parents*
Number of surveys returned	N/A	N/A	N/A
Percent satisfied with learning environment	N/A	N/A	N/A
Percent satisfied with social and physical environment	N/A	N/A	N/A
Percent satisfied with school-home relations	N/A	N/A	N/A

* Only students in grade 11 and their parents were included.

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OPPORTUNITIES

	Our School	Change from Last Year	High Schools with students like ours
School			
Principal's years at school	3.0	N/A	N/A
Student-teacher ratio in core subjects	N/A	N/A	N/A
Prime instructional time	N/A	N/A	N/A
Opportunities in the arts	Poor	N/A	N/A
Opportunities in foreign languages	Poor	N/A	N/A
Dual enrollment courses offered	N/A	N/A	N/A
Are online or blended (50% online) courses offered	N/A	N/C	N/A
AdvancEd (SACS) accreditation	Yes	N/A	N/A
Parents attending conferences	N/A	N/A	N/A
Character development program	N/A	N/A	N/A
Avg. Age of books/electronic media in the school library	N/A	N/A	N/A
Number of resources available per student in the school library media center	N/A	N/A	N/A
Bandwidth capacity per student	N/A	N/C	N/A
District-issued technology devices per teacher	N/A	N/C	N/A
Percent of classrooms with wireless access	N/A	N/C	N/A
District-issued learning devices per student	N/A	N/C	N/A
Dollars spent per pupil**	N/A	N/A	N/A
Percent of expenditures for instruction**	N/A	N/A	N/A
Percent of expenditures for teachers' salaries**	N/A	N/A	N/A

* Includes current year teachers contracted for 190 days or more.

** Prior year audited financial data are reported.

State Ratings History of School

Year	Absolute Rating	Growth Rating
2014	N/A	N/A
2013	N/A	N/A
2012	N/A	N/A

Based on state law, schools will not be rated for state accountability purposes until Fall 2017.

Additional Resources

- SC State Content Standards
- [Family-Friendly Guides to the SC Content Standards](#)
- [2014-15 Accountability Manual](#)
- [Report Card Data Files](#)
- [ESEA Data Files](#)

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