



SC Annual School Report Card Summary

Center for Advanced Technical Studies
 Grades: 9-12 Enrollment: 792
 Director: Dr. James R. Couch
 Superintendent: Dr. James R. Couch
 Board Chair: Beth Watson

PERFORMANCE

Comprehensive detail, including definitions of ratings, performance criteria, and explanations of status, is available on www.ed.sc.gov and www.eoc.sc.gov as well as school and school district websites. Printed versions are available from school districts upon request.

YEAR	ABSOLUTE RATING	GROWTH RATING	PALMETTO GOLD AND SILVER AWARD		ESEA/FEDERAL ACCOUNTABILITY RATING SYSTEM	
			General Performance	Closing the Gap	ESEA Grade	Accountability Indicator
2014	Excellent	N/A	TBD	TBD	N/A	N/A
2013	N/A	N/A	N/A	N/A	N/A	N/A
2012	N/A	N/A	N/A	N/A	N/A	N/A

ABSOLUTE RATING OF DISTRICTS WITH STUDENTS LIKE OURS*

EXCELLENT	GOOD	AVERAGE	BELOW AVERAGE	AT-RISK
29	8	3	0	0

* Ratings are calculated with data available by 05/18/2015. Schools with Students Like Ours with Poverty Indices of no more than 5% above or below the index for this district.

TECHNICAL SKILL ATTAINMENT

The percentage of students enrolled in career and technology courses at a center who earn a 2.0 or above on the final course grade.

Our Center		State Center Average (%)	
n	%	%	
700	89.4%	90.3%	

GRADUATION RATE

The number of 12th grade career technology education students who graduate in the spring is divided by the number of 12th graders enrolled in the center and converted to a percentage.

Our Center		State Center Average (%)	
n	%	%	
141	97.2%	93.0%	

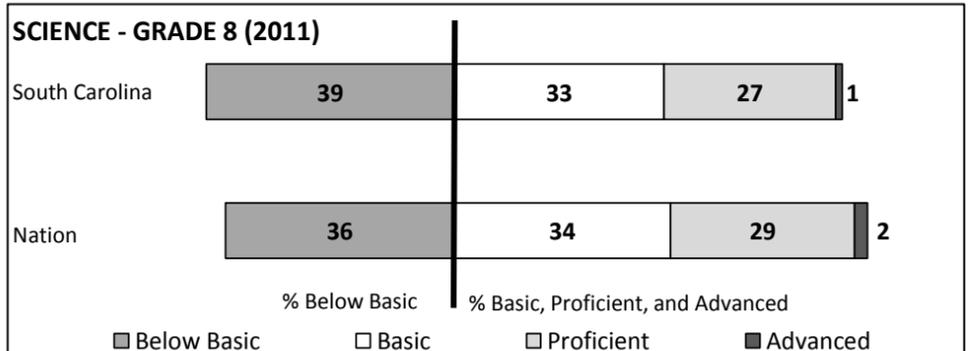
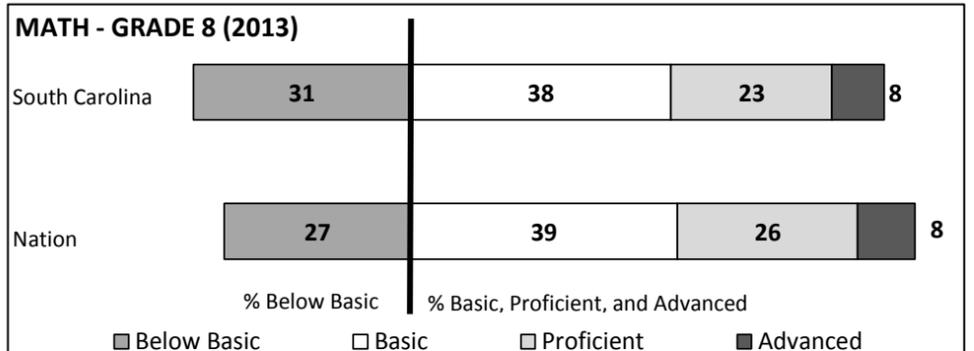
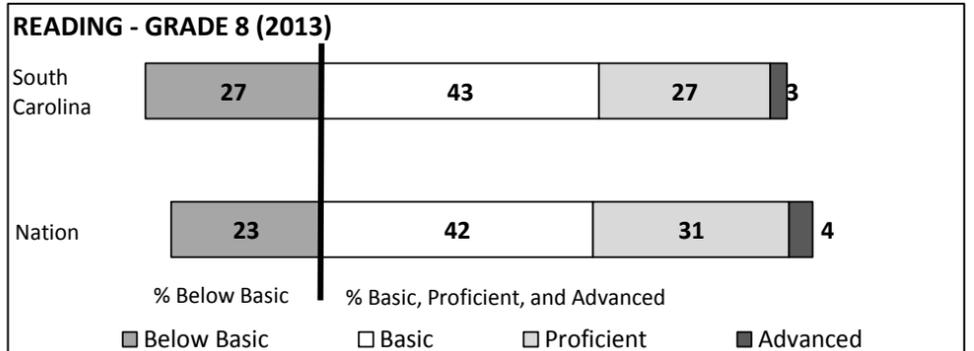
PLACEMENT RATE

The number of career and technology completers who are available for placement in postsecondary instruction, military services, or employment is divided into the number of students over a three-year period who are actually placed and converted to a percentage. This criterion mirrors the Perkins standard.

Our Center		State Center Average (%)	
n	%	%	
34	97.1%	96.9%	

NAEP*

*Performance reported for SC and nation, data not available at school level. Percentages at NAEP Achievement Levels.



SC PERFORMANCE VISION

By 2020 all students will graduate with the knowledge and skills necessary to compete successfully in the global economy, participate in a democratic society and contribute positively as members of families and communities.

Abbreviations Key

N/A-Not Applicable

N/AV-Not Available

N/C-Not Collected

N/R-Not Reported

I/S-Insufficient Sample

TBD-To Be Determined

**Center for Advanced Technical Studies
LEXINGTON 5**

CENTER PROFILE

	Our Center	Change from Last Year	Median Career Center
Students (n = 792)			
Career/technology students in co-curricular organizations	N/A	N/A	24.2%
Enrollment in career/technology courses	792	Up from 589	586
Students participating in work-based experiences	0.0%	N/A	19.0%
Teachers (n = 19)			
Teachers with advanced degrees	42.1%	Up from 38.9%	25.0%
Continuing contract teachers	78.9%	Up from 66.7%	74.5%
Teachers returning from previous year	N/A	N/A	90.5%
Teacher attendance rate	96.7%	Up from 95.0%	95.8%
Average teacher salary*	\$52,566	Up 1.1%	\$48,775
Professional development days/teacher	7.5 days	Down from 7.9 days	13.2 days
Center			
Director's years at center	2.0	Up from 1.0	4.0
Dollars spent per pupil**	N/A	N/A	N/A
Percent expenditures for teacher salaries**	N/A	N/A	N/A
Percent expenditures for instruction**	N/A	N/A	N/A
Parents attending conferences	88.4%	Up from 84.9%	85.0%

* Length of contract = 185+ days.

**Prior year audited financial data available.

EVALUATION RESULTS

	Teachers	Students*	Parents*
Number of surveys returned	19	191	29
Percent satisfied with learning environment	100.0%	89.0%	89.7%
Percent satisfied with social and physical environment	100.0%	91.5%	75.9%
Percent satisfied with school-home relations	100.0%	91.0%	69.0%

* Only eleventh grade students and their parents were included.

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REPORT OF DIRECTOR AND SCHOOL IMPROVEMENT COUNCIL

The Center for Advanced Technical Studies enrolled its first class in August 2012 with 650 students enrolling in 18 programs of study. The overall mission is to prepare each student to be college and career ready and compete successfully in the global market place. The Center remains focused on the job demands in the local and greater Columbia metropolitan area and to prepare students to engage the job market, military, or college upon graduation and compete successfully.

The Center staff works with the overall District Advisory Council and the 19 different program Advisory Committees to seek input on jobs in demand, openings to be filled, skill sets required and the types of equipment needed to prepare students with the required technical skills. The Advisory Council and Advisory Committees meet a minimum of twice a year and plan other meetings as needed. Center staff and teachers have been engaged with various community organizations, and students have been involved in internships through work-based learning opportunities.

As part of the district professional development, teachers and staff participate in district wide professional development activities such as data teams, PBIS, technology knowledge and skill development, classroom management and other related sessions to improve the professional skills of the staff. The professional development is scheduled for the school year and educators register for class offerings during the year.

The Center and the district leadership planned and conducted a conference called Failure to Launch in April 2014. The conference drew 170 professionals from business, education, workforce groups, postsecondary education, and national representation from Harvard, Carnegie Mellon and the College Board. The highlight of the conference was the presentation by six students from The Center.

The Center had 220 graduates for 2014 with the majority receiving partial to full scholarships. One student in Biomedical Sciences received a full scholarship to Harvard with a value of around \$215,000. Another example is a student in Clean Energy Technology who received a full scholarship to Midlands Technical College to study Nuclear Engineering. The Clean Energy and Biomedical Sciences students had their research projects published in The Center's first CAPSTONE Journal of High School Research. Graduates were administered the WorkKeys as part of a pilot project, and all of the students received certificates ranging from Bronze to Platinum with one student earning a perfect score.

The enrollment is projected to be 1000 students in the fall of 2014 and includes a new course in Fire and Rescue. All students will be challenged to prepare a capstone project or product. The motto of the Center is Creating the Future by Challenging the Impossible. The students, parents, teachers, staff and community have embraced that vision leading to the success.

Director: James R. Couch

Advisory Committee Chair: Nick Milasnovich

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