



Techbook and Streaming Access Supports Achievement in North Carolina

- A recent study found 34 performance indicators to show that schools with Discovery Education's services performed better on North Carolina's state assessments.
- The analysis of student assessment data in 2016-2017 at North Carolina's 2,404 public schools also revealed striking results among African-American students, demonstrating up to an 11-point *statistically significant advantage* over schools without Discovery Education services such as **Science Techbook**, **Math Techbook**, and **Streaming Plus**.

GRADE-LEVEL PROFICIENCY:

Math Techbook schools have a 9-point statistically significant advantage over non-Discovery Education (DE) schools in the End of Course (EOC) Math 1 assessment.

An additional 5.5% of students in DE partner schools meet the state's benchmark in the ACT Math section.

DE partner schools perform particularly well throughout with a statistically significant advantage (over non-DE partners) in EOC Math 1, End of Grade (EOG) Math for grades 3, 4, 5 and 6, as well as in the ACT Math section.

African-American students:

- » Math Techbook schools have a 10-point statistically significant advantage over non-DE schools in the EOC Math 1 assessment.
- » An additional 6.6% of African-American students in DE schools achieve proficiency in the EOC Math 1 course.

COLLEGE AND CAREER READY:

Math Techbook schools have a 10.5-point statistically significant advantage over non-DE schools in the EOC Math 1 assessment.

DE partner schools perform particularly well throughout with statistically significant differences (over non-DE partners) in EOC Math 1, EOG Math for grades 3, 4, 5, 6 and 8, as well as in the ACT Math section.

DE partner schools have about a 5-point advantage over non-DE partner schools in terms of college and career ready compliance in grades 3, 4, and 5.

African-American students:

- » Math Techbook schools have an 11-point statistically significant advantage over non-DE schools in the EOC Math 1 assessment.
- » 3-4 point statistically significant advantage for Math Techbook schools in EOG Math grades 7 and 8.

Reading / ELA Findings

GRADE-LEVEL PROFICIENCY:

DE schools have a 5.4-point statistically significant advantage over non-DE schools in the EOC English 2 assessment.

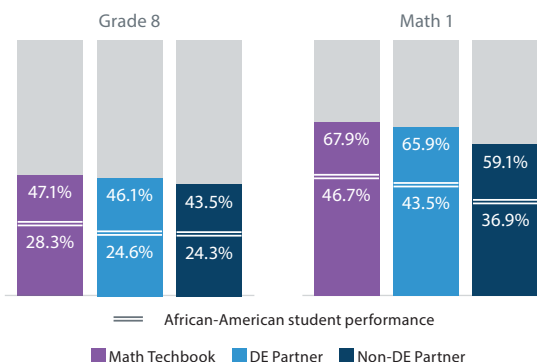
DE schools have a 3-4 point advantage in compliance with proficiency benchmarks over their counterparts in Reading for grades 3 through 5.

DE schools are particularly strong in both the ACT English and ACT Reading sections with an additional 5% of students meeting the state's benchmarks.

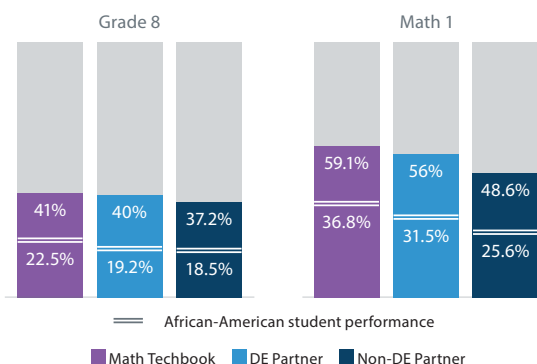
African-American students:

- » DE schools have a 6.1-point statistically significant advantage over non-DE schools in the EOC English 2 assessment.
- » An additional 5% of DE school students met the state's benchmarks in both the ACT English and ACT Reading sections.

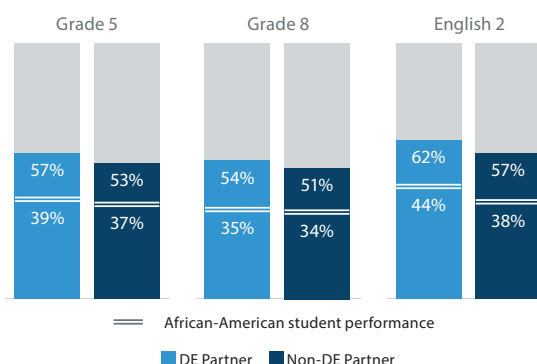
GRADE-LEVEL PROFICIENCY RESULTS
% of students who met the state's GLP benchmark (2016-2017)



COLLEGE & CAREER READINESS RESULTS
% of students who met the state's CCR benchmark (2016-2017)



GRADE-LEVEL PROFICIENCY RESULTS
% of students who met the state's GLP benchmark (2016-2017)





GRADE-LEVEL PROFICIENCY:

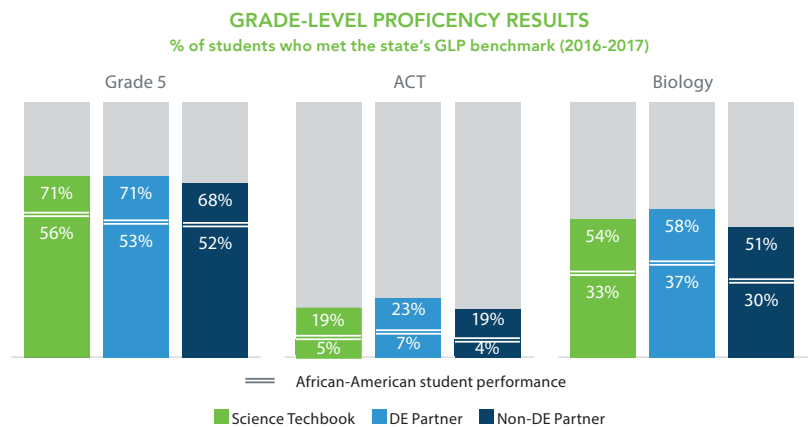
An additional 4.3% of students in DE partner schools meet the state’s benchmark in the ACT Science section compared to students in non-DE schools.

DE schools have a 6.7 point advantage in EOC Biology.

Science Techbook schools have a 3 point advantage in EOG Science Grade 5.

African-American students:

- » Science Techbook schools have a 4-point statistically significant advantage over non-DE schools in EOG Science Grade 5.
- » DE schools have a 6.8 point advantage in EOC Biology.



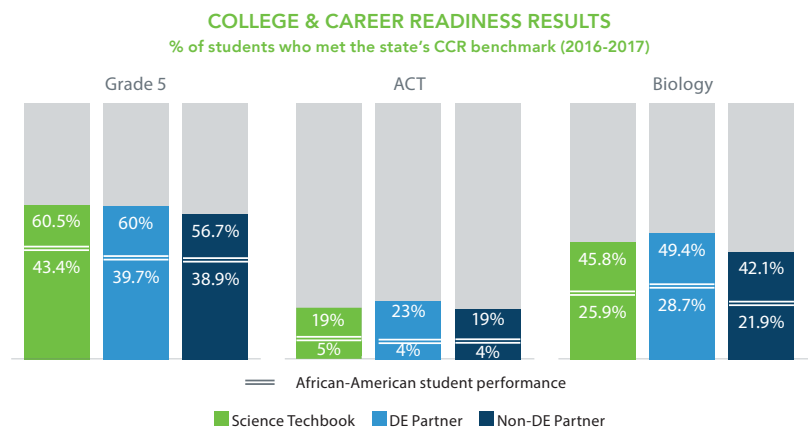
COLLEGE AND CAREER READY:

DE schools have a 7.3 point advantage in EOC Biology.

Science Techbook schools have a 2-4 point advantage in EOG Science for grades 5 and 8.

African-American students:

- » An additional 6.8% of African-American students taking the EOC Biology assessment in DE partner schools meet the state’s college and career ready benchmark compared to students in non-DE schools.
- » Science Techbook schools have a 4-point statistically significant advantage over non-DE schools in EOC Biology and EOG Science Grade 5.



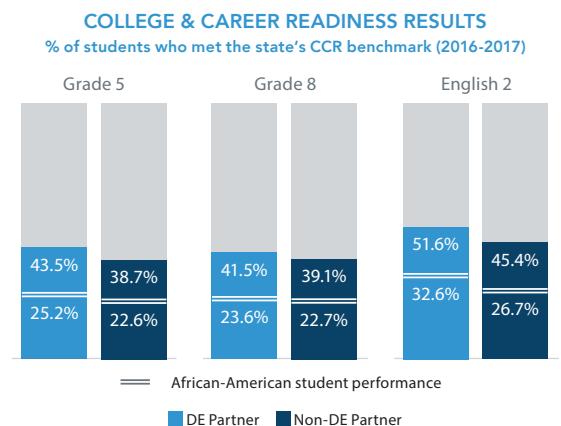
COLLEGE AND CAREER READY:

DE schools have a 6.2-point statistically significant advantage over non-DE schools in the EOC English 2 assessment.

DE schools have a 3-5 point advantage in compliance with college and career ready benchmarks over their counterparts in Reading for grades 3 through 5.

African-American students:

- » DE schools have a 5.9-point statistically significant advantage over non-DE schools in the EOC English 2 assessment.



More Success Stories

WHAT EDUCATORS ARE SAYING

ASHEBORO CITY SCHOOLS, NC

Three years after implementing Science Techbook, achievement soars for elementary students.

- 42 percentage-point increase on state tests for 5th grade students (2016).*

* Source: <https://www.courier-tribune.com/news/20170214/tech-books8217-positive-effects-show-up-on-eog-tests>

ROWAN-SALISBURY SCHOOLS, NC

Two years after this district embarked on a strategic plan incorporating Science Techbook to enhance literacy, student test scores saw improvement.

- 71 percent of schools using Techbook raised their science scores on state tests (2015).*
- 91 percent of schools scored proficient or better on state tests (2015).

* Source: <http://www.wbtv.com/story/32954283/test-scores-show-significant-improvement-in-rowan-salisbury-schools/>

RICHMOND COUNTY SCHOOLS, NC

Math Techbook helped middle-school students achieve consistent results on end-of-year tests from 2015-2016. Techbook is now the core instructional resource for middle school educators to support their teaching and learning.

- 8th grade math students using Math Techbook scored 6 percentage points higher on state test than in previous years without Techbook (2015).*

* According to data provided by the school district.

“We no longer have a divide between kids who love math and those who loathe it. With Math Techbook, there’s a hook for every kid.”

HEATHER JAMES

Middle School Math Teacher,
Richmond County Schools, NC

“Discovery Education is one of the best digital resources that we have in terms of personalizing learning, whether it’s addressing a language issue or reading struggles, they provide all those resources, structuring and scaffolding.”

TRACI KOHLER

Director of STEAM Resources,
Collier County Public Schools, FL

“Math Techbook is the perfect product to support our pedagogy of small-group instruction. We can rely on it, and it multiplies the effect of the teachers.”

KELLY DELONG

Director of K-12 Math and Science
Richmond County Schools, NC



Transcend the traditional. Go beyond the expected.....

Take learning beyond the classroom and into the real world. Schedule a strategy session today with Discovery Education to see how we can help your students achieve more.

LEARN MORE:
DISCOVERYEDUCATION.COM/REQUEST-DEMO