



## Science Techbook for NGSS: Helping School Districts Achieve More

••• *Discovery Education Science Techbook for California NGSS Experience is a comprehensive curriculum designed specifically for California featuring award-winning content that brings Three-Dimensional Learning to life.*

••••• Certified by the New York Academy of Sciences' Global STEM Alliance, Science Techbook drives understanding of 21st-century skills and engineering design. Meet the needs of every learner with a powerful blend of dynamic digital, interactive print and immersive hands-on experiences.

**See how Science Techbook has helped districts achieve positive results in their schools.**

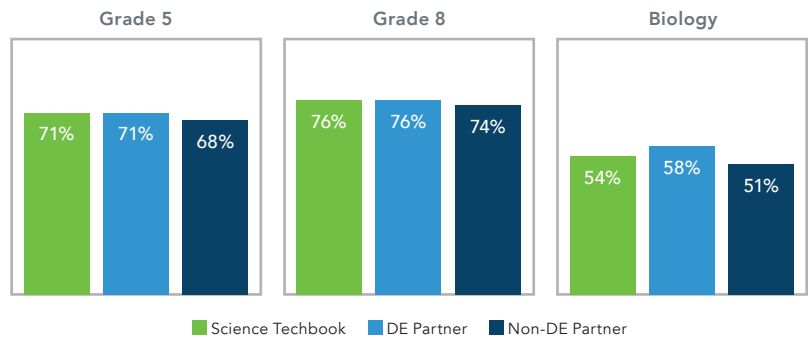
### SCIENCE TECHBOOK ACCESS SUPPORTS STUDENT ACHIEVEMENT

A study of student assessment data at North Carolina's 2,404 public schools revealed striking results among students with Discovery Education's services. Biology students at **Discovery Education (DE) partner schools** demonstrated nearly a 7-point statistically significant advantage over schools without DE services. Students at schools with **Science Techbook** also showed a 2-4 point advantage in end-of-grade Science for grades 5 and 8.

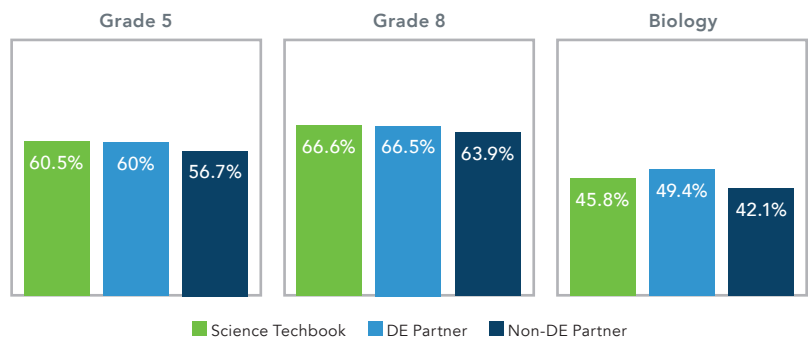
*"We liked the way Techbook was developed. Being digital, with Techbook we are able to be more fluid, stay up to date, and have access to better resources to meet the needs of today's students."*

**MICHAEL PILLSBURY**  
Assistant Principal  
Charlotte-Mecklenburg Schools, NC

**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)



\*According to NC student assessment data, 2016-2017.

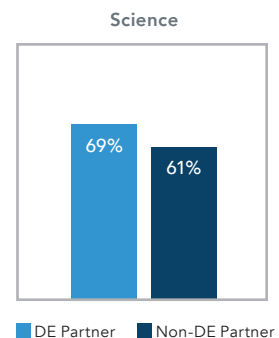
### ELEMENTARY STUDENTS ACHIEVE MORE WITH SCIENCE TECHBOOK

An analysis by Discovery Education showed that fourth grade students at Oak Ridge Schools (TN) who were taught with access to **Science Techbook** had higher science, reading, and math scores on the 2015 Tennessee Comprehensive Assessment Program (TCAP) than their peers not taught with Discovery Education resources.

*"We selected Discovery Education as our partner when we set out to achieve the goal of transforming Oak Ridge Schools into the premiere STEM school district in the country. By integrating Discovery Education's Science Techbook, along with robust professional development from their cadre of subject matter experts, we have seen measurable progress toward our ultimate goal of providing students the critical skills they will need to be successful not only in STEM, but in any field of their choosing."*

**DR. BRUCE BORCHERS**  
Superintendent  
Oak Ridge Schools, TN

### FOURTH GRADERS WITH TECHBOOK OUTPERFORM PEERS\*



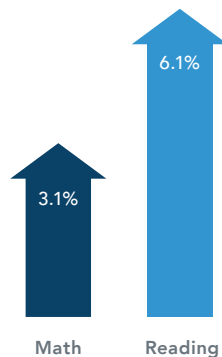
\*According to NC student assessment data, 2014-2015.

## More Success Stories

### STEM STUDENTS GET RESULTS WITH SCIENCE TECHBOOK

An independent, two-year study at Park Ridge Elementary School in Broward County, FL showed marked improvement after education leaders implemented the STEM program supported by two services from Discovery Education — Science Techbook, a digital science textbook, and STEMformation, a standards-based professional development program.

The study, by national education and research firm Metis Associates, measured student results based on their performance on the Florida Standards Assessment (FSA) between 2016-2017. Park Ridge students showed a 6.1 percent increase in their reading scores, and a 3.1 percent increase in their math scores during the course of the study.



*"Techbook has opened their eyes to the wonder of how things truly work."*

**JOSEPH BALCHUNAS**  
Principal  
Park Ridge Elementary School, FL

### CERTIFIED BY THE GLOBAL STEM ALLIANCE

The Discovery Education Science Techbook experience is the only program which has been STEM certified by the New York Academy of Sciences and the Global STEM Alliance. This award-winning digital curriculum resource builds context and drives understanding of 21st Century skills while providing K-12 students with relevant career connections. Techbook was evaluated by an advisory board of education experts, including members of SRI Education, an established leader in STEM education research.



*"Discovery Education got really high marks for the essential skills that it supports across grade levels. It's making it a more holistic or integrated approach to thinking about STEM. It's not just about getting through those activities, but being able to think about them, communicate about them — important scientific practices that go beyond just experimentation."*

**BRITTE H. CHENG, PH.D**  
Senior Education Researcher  
SRI International's Center for Technology in Learning

## WHAT EDUCATION LEADERS ARE SAYING

"The [STEMformation] program at Park Ridge ES, specifically, the integration of Discovery Education digital content and instructional practices into classroom instruction, has produced positive impacts on teaching and learning over the past two years."

**METIS ASSOCIATES**, a national research and consulting firm

"Discovery Education provided the guidance and structure we needed to switch to phenomena-based and inquiry-based instruction."

**DOUG HENDERSON**  
STEAM Coordinator  
Val Verde Unified School District, CA

"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



It's an amazing world out there.  
Explore it all in here.

Want to learn more?

[DISCOVERYEDUCATION.COM/CONTACT-US](http://DISCOVERYEDUCATION.COM/CONTACT-US)