Achieve3000®

INTERNATIONAL BACCALAUREATE

WHITEPAPER

Achieve3000®, a Literacy Solution for IB Programmes

Achieve3000: A Global Literacy Solution

At the center of International Baccalaureate (IB) education is a diverse global community of students, each with a unique set of values, knowledge, and experiences. Engaging those students in a holistic educational experience that develops lifelong creative, critical, and reflective thinkers is at the core of the IB programmes. According to its mission, the IB "aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect." It does this by providing young learners of all backgrounds and abilities with an educational experience built on a rigorous curriculum that prepares them for success in post-secondary coursework and their chosen careers. Achieve3000 aligns well with the IB's goal of fostering global citizens with its emphasis on helping students make the connection between their studies and the real world in a global context.

Achieve3000: The Leader In Differentiated Instruction®

Improving literacy for all students is the key to unlocking success in education and career and to developing the key attributes of the IB learner profile. Achieve3000 is a committed partner in opening access to the IB curriculum for all learners by ensuring that students can meet the rigor of the IB curriculum, in part by continually measuring and reporting their individual growth toward university and career benchmarks.

How Achieve3000 Meets Critical Education Challenges		
Reaches All Levels of Learners	**Prepares Students for University and Career**	**Provides an Inquiry-Based Global Curriculum**
• Differentiated instruction opens access to IB programmes for more students • Universal screener for Lexile® reading level initiates a personalized learning path • Patented online instructional routine is proven to accelerate reading gains	• Exclusive focus on nonfiction informational text prepares learners for real-world literacy across a range of disciplines • Research-based five-step routine builds literacy capacities for all students • Reporting tools connect student growth and learning data to benchmarks	• Develops skills for inquiry and research with more than 15,000 cross-disciplinary lessons differentiated at 12 levels in English and 8 levels in Spanish • Fosters discussion and debate about contemporary global issues • Encourages students to write persuasively and with precision through leveled inquiry- and performance-based tasks

Achieving University And Career Readiness

Based on decades of scientific research, Achieve3000's proven differentiated instruction engages all learners at their individual reading levels and constantly challenges them to improve their literacy skills. Because the solutions are cloud-based, learners can develop their literacy capacities anytime, anywhere, with or without internet access. Inclusivity is inherent to Achieve3000's platform, which makes it possible for every type of learner, including struggling readers and English language learners, to develop the skills they'll need to pursue their educational and career goals. With lessons differentiated at 12 levels in English and 8 levels in Spanish, Achieve3000 is proven to accelerate reading gains and learning standards mastery, improve performance on assessments, and prepare all students for university and career.

12
Levels in English

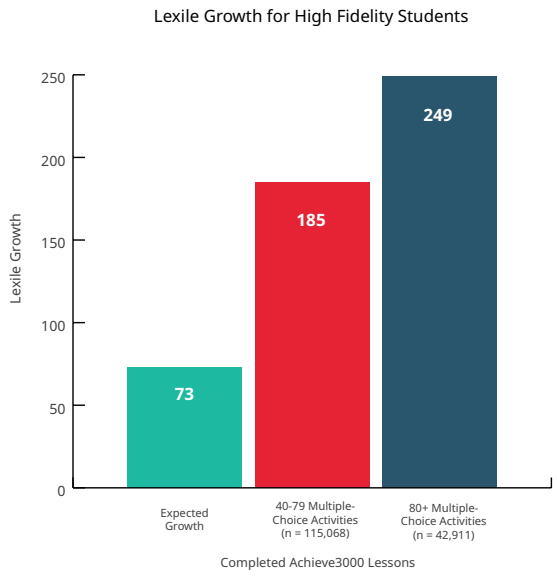
8
Levels in Spanish

Reaching All Levels of Learners

Open Access to IB for More Students

Every type of learner in an IB programme is held accountable for meeting the same academic rigor and career readiness goals, which requires comprehension of complex content across various subject areas. However, the dearth of rigorous, age-appropriate materials that will prepare students for those demands while simultaneously respecting their wide-ranging proficiency levels presents a challenge for the typical classroom. Achieve3000's platform addresses this problem through unrivaled differentiation to meet students' diverse needs using our proprietary Five-Step Literacy Routine. Students work independently on lessons that are precisely matched to their Lexile levels, which prepares them with the skills and strategies they will need for the whole-class instruction at course level that follows.

With a focus on global topics, culture, and current events in subject areas such as science, history, geography, and arts and humanities, Achieve3000 fosters students' awareness of the world around them as they build essential content-area knowledge and vocabulary.



Over 3X the expected reading growth with regular program use*

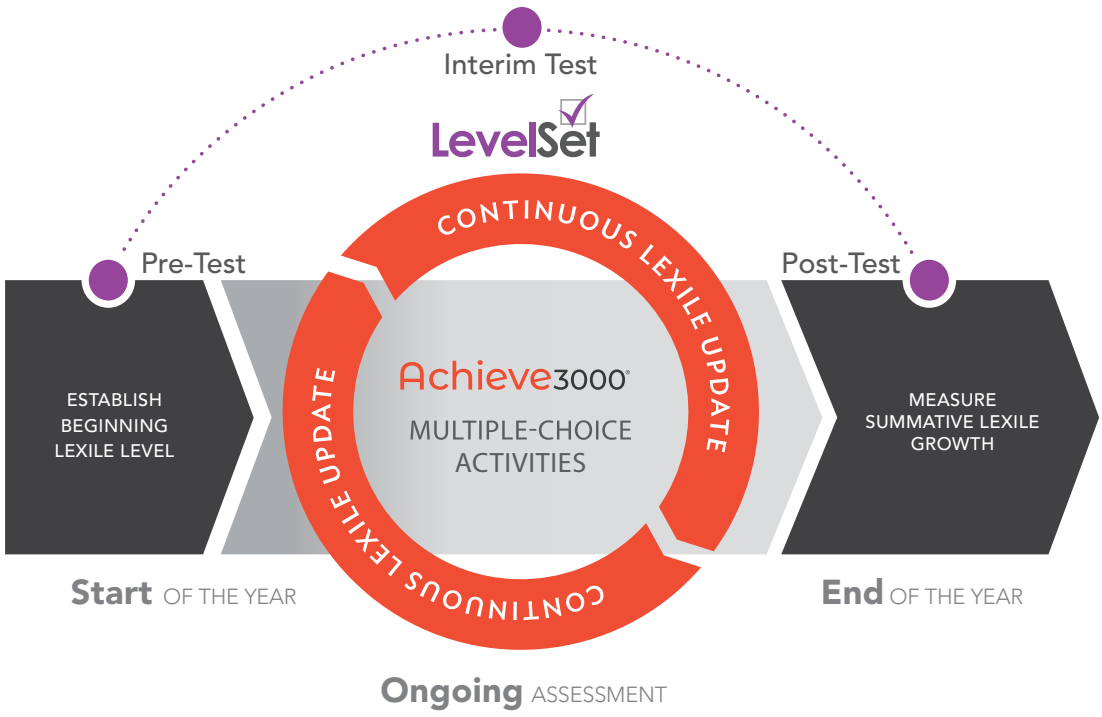
The number of reading sessions that students complete with Achieve3000 is a statistically significant predictor of their Lexile growth. Students using the program with the suggested frequency per week exceeded their expected Lexile growth by an average of 176 points.

*Regular use is defined as a minimum of two lessons completed per week throughout the school year. Achieve3000's solutions are designed to be used with this frequency.

LevelSet™: A Universal Screener for Nonfiction Text

One of the greatest challenges faced by global learners is the need to comprehend course-level content written at course-level text complexity. With Achieve3000's patented technology, learners are always moving toward that goal. It starts with LevelSet, the only Lexile assessment that can establish a learner's comprehension of nonfiction text in English and Spanish. The system automatically uses students' individual data from LevelSet to match them to the appropriate text complexity. As they work through the Five-Step Literacy Routine, the system detects when they are ready for greater text complexity and automatically adjusts their levels. Meanwhile, the system continues to gather performance data that educators can use to identify skill deficits to target during small-group instruction.

Only Achieve3000's platform includes a universal screener for reading comprehension of nonfiction text, a critical component of IB units of study and preparing learners for university and career. With Achieve3000's LevelSet and automatically generated university and career readiness reports, educators can identify learners in need of intervention in real time.

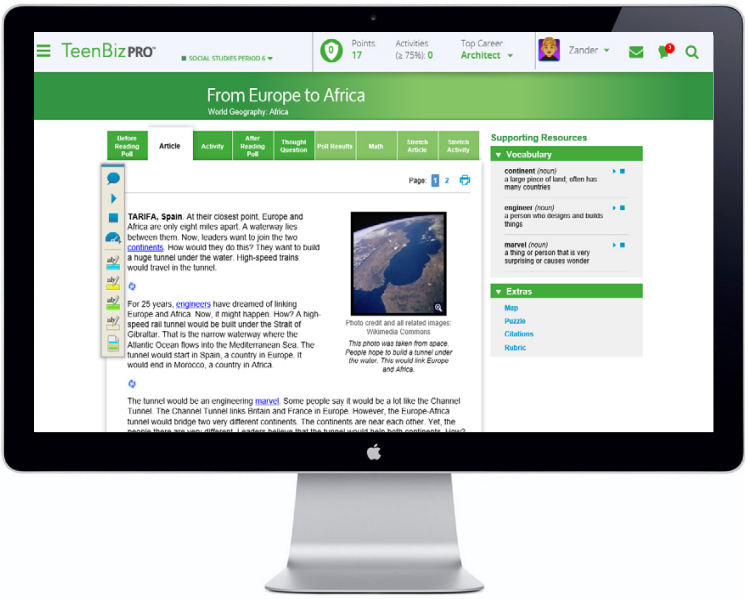


Accelerate Literacy Gains for All Learners

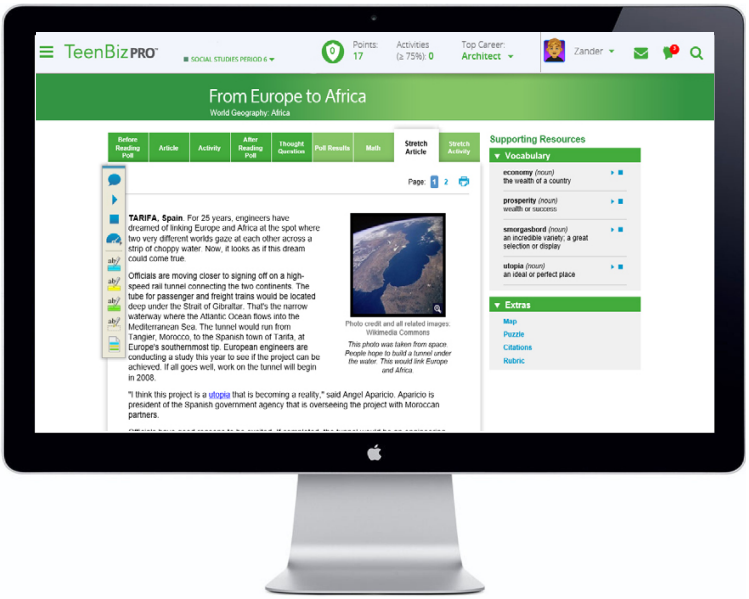
By delivering the same content to all students at their precise reading levels, as well as individual scaffolds, Achieve3000 enables students of all abilities to remain in the same classroom with the same instructor to work on the same lesson. This inherent inclusivity ensures that each student can be a successful, active participant in whole-class activities.

Students also build stamina by reading course-level content at the more complex "Stretch" level. With the instructor's guidance, students interact with targeted portions of this Stretch text for the explicit purpose of responding in writing to a prompt. Repeated readings of the Stretch texts also help learners develop close reading strategies to use when they encounter text that is difficult for them to comprehend. And because it is from Achieve3000, it is designed for all types of learners, including those with special needs, English language learners, and advanced learners.

Independent Reading at Individual Lexile Levels Builds Stamina



Close Reading of Grade-Appropriate Text Builds Skills



With Achieve3000, students stretch to higher levels of literacy with every lesson.

Ensuring University And Career Readiness by Increasing the Ability to Read Nonfiction Informational Text

Achieve3000's lessons develop core literacy capacities and are aligned to age-appropriate science, history, geography, culture, arts and humanities, and current events topics and curricula. At the beginning of the school year, Achieve3000 provides a customized course aligned to content-area standards. Educators can also search through the Achieve3000 database of more than 15,000 lessons to easily locate additional content that ties to what they are teaching in the content areas.

As learners work through Achieve3000's lessons, they develop reading strategies and build content-area knowledge and academic vocabulary with direct support for reading skill development embedded within IB units of study. The topical nonfiction content directly aligns to the authentic "in the world" experience of an IB education and includes embedded intervention best practices to accelerate skills during lessons. More students can succeed in IB programmes by rapidly increasing their reading comprehension, inquiry, writing, and critical thinking skills using Achieve3000.

Research-Based Five-Step Routine

Achieve3000's Five-Step Literacy Routine provides regular opportunities to practice reading strategies with the level of text that is just right for each student. Each lesson centers on a nonfiction article that is precisely tailored to each learner's Lexile level. Once learners have acquired a knowledge base by reading the Lexile-measured article, they progress to the Stretch version. This gives learners ample practice with reading course-level text and builds stamina and strength for reading complex information.

STEP 1
Before-Reading Reading Poll

STEP 2
Article

STEP 3
Multiple-Choice Activity

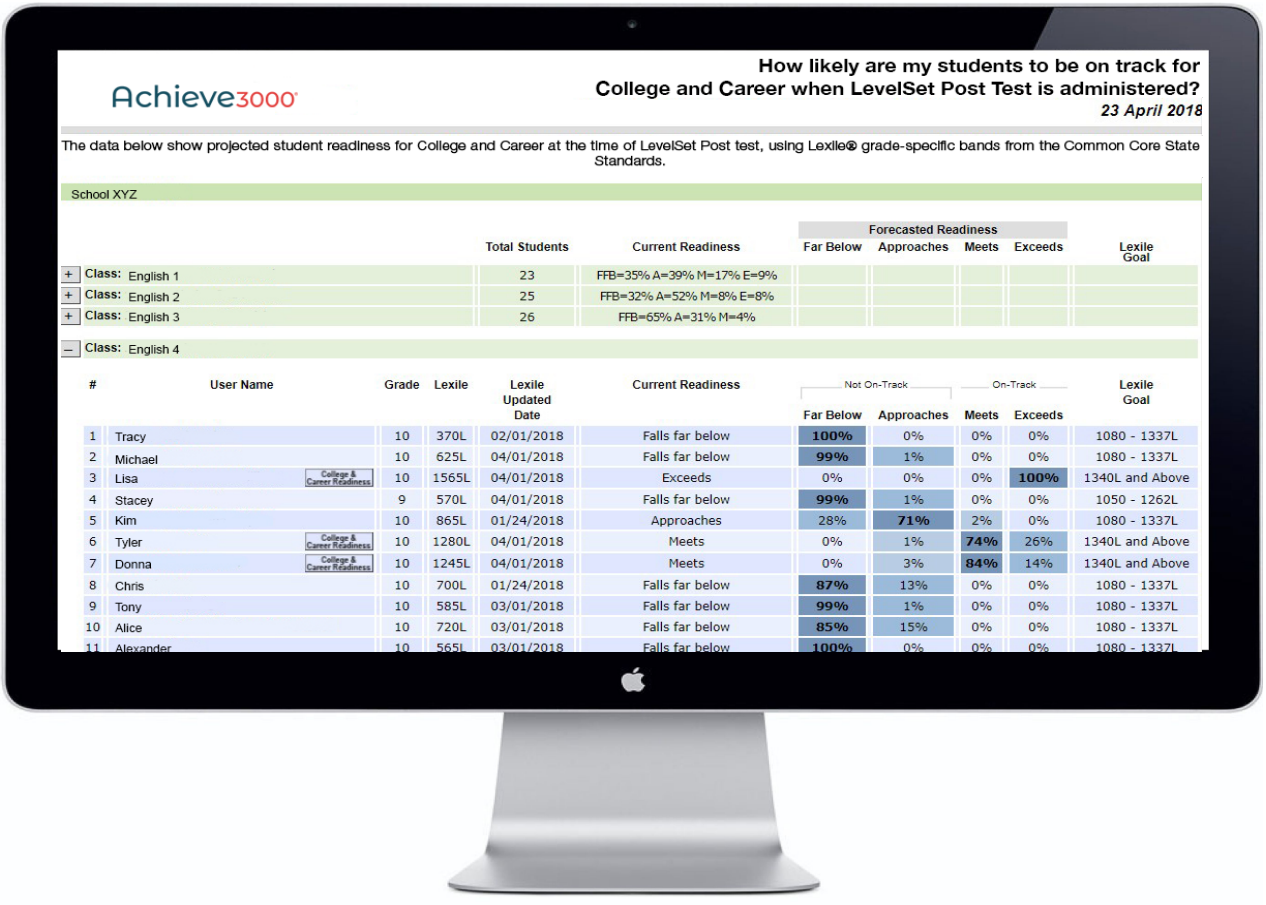
STEP 4
After-Reading Poll

STEP 5
Thought Question

4 Achieve3000, Inc. (2016). National Lexile Study 2015-2016.

Connect Growth With University And Workforce Readiness Benchmarks

Achieve3000's content is aligned to university and workforce readiness requirements. Using Achieve3000's inquiry-based Five-Step Literacy Routine at least twice per week can double or even triple learners' reading gains. Achieve3000's patented technology monitors progress and automatically adjusts Lexile levels as each learner becomes ready for greater text complexity. At the same time, as learners move through their literacy routines, the system gathers performance data, which can be used to identify skill deficits that can be targeted with small-group instruction. Using this data, Achieve3000's university and career readiness reports identify students in need of intervention and automatically convey that information. Administrators and educators have immediate access to clear data that they can use to inform placement for tiered instruction.



Providing An Inquiry-Based Global Curriculum

Develop Skills For Research And Inquiry

The Five-Step Literacy Routine fosters an inquiry-based approach that encourages students to read with a purpose, to read carefully, and to value precision and evidence. Students continually practice finding information across the curriculum through reading. From Take Notes, which allows students to examine the details of the text more deeply, to the Thought Question, which asks learners to develop original theses, Achieve3000 models inquiry-based tasks.

Achieve3000 also teaches learners to go beyond their first understandings and personal histories to dig deeper into a topic and refine their views and arguments. The search function provides access to tens of thousands of nonfiction resources that they can use during self-directed research at their reading level to ensure comprehension and support critical thinking and deeper cognition.

ACHIEVE3000 FIVE-STEP LITERACY ROUTINE	ENGLISH LANGUAGE ARTS	SCIENCE	SOCIAL SCIENCES
STEP 1			
BEFORE-READING POLL	Set a schema and make/ support a claim	Activate prior knowledge and reveal preconceptions and misconceptions	Analyze and evaluate information
STEP 2			
ARTICLE	Acquire and practice close reading techniques and essential reading strategies	Acquire and practice close reading techniques to read for information, claims, and evidence	Acquire and practice close reading techniques to read for information for the purpose of synthesis
STEP 3			
ACTIVITY (FORMATIVE ASSESSMENT)	Demonstrate comprehension	Demonstrate comprehension	Demonstrate comprehension
STEP 4			
AFTER-READING POLL	Make and support a claim with new evidence just read	Compare prior understandings with text; communicate and justify claims based on evidence	Support analysis and evaluation with evidence
STEP 5			
THOUGHT QUESTION	Synthesize information from multiple sources to practice evidence-based writing	Participate in scientific communication and argumentation	Demonstrate analysis and synthesis of multiple texts

Foster Discussion And Debate

From the Poll Question to the high-interest content, Achieve3000 includes a variety of resources to support students in presenting opinions developed through the activities and provides instructor supports to facilitate this collaborative learning. Achieve3000's inquiry-based approach encourages students to seek information as they read and to use that information to engage in classroom discussion and debate.

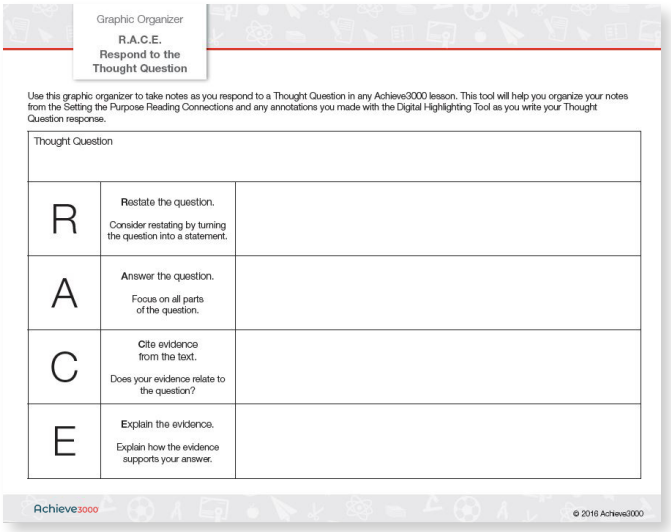
Respond to the Thought Question

R **Restate the question.**

A **Answer the question.**

C **Cite evidence from the text.**

E **Explain the evidence.**



Graphic Organizer

R.A.C.E. Respond to the Thought Question

Use this graphic organizer to take notes as you respond to a Thought Question in any Achieve3000 lesson. This tool will help you organize your notes from the Setting the Purpose Reading Connections and any annotations you made with the Digital Highlighting Tool as you write your Thought Question response.

Thought Question		
R	Restate the question. Consider restating by turning the question into a statement.	
A	Answer the question. Focus on all parts of the question.	
C	Cite evidence from the text. Does your evidence relate to the question?	
E	Explain the evidence. Explain how the evidence supports your answer.	

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Develop Inquiry-Based Writing

The Achieve3000 approach requires learners to read, think, and write with precision. Thought Question writing prompts direct students back to the source text to find specific details and supporting evidence. Both writing prompts and performance requirements are differentiated to the needs of learners to support the writing goals that are implemented in the IB programme and to allow instructors to customize assignments to the needs of specific students.

Achieve3000 embeds best practices for vocabulary acquisition and promotes the precise use of words and word meanings—the best predictor for college-and-career-ready writing ability. The Writing Center provides specific lessons, scaffolds, and practice experiences to refine writing skills for argumentative writing.

Supporting Dual-Language Abilities in English and Spanish

The profile of an IB learner emphasizes the importance of communicating effectively in more than one language. Achieve3000's lessons are available at 12 levels in English and 8 in Spanish with unique configurations to support true dual-language learners who are receiving instruction in full English part of the day and full Spanish part of the day.

Dual-language learners have a single username and password that allow them to access Achieve3000 in both languages and to easily switch between languages. At the beginning of the term, or whenever they join the class, learners take the LevelSet assessment in both English and Spanish, so all lessons are adjusted to their individual reading levels in either language. As their reading proficiency increases in each language, the system automatically adjusts the lesson level to accelerate reading growth in each language. Text-to-speech audio support for articles and vocabulary terms in both English and Spanish improve listening comprehension in tandem with reading skills. Instructors can easily monitor performance in both languages with a single username and password.

Achieve3000's Alignment to the IB Career-Related Programme (CP)

Achieve3000 is easy to implement with the IB Career-Related Programme, which was created "for students who wish to engage in career-related learning while gaining transferable and lifelong skills in applied knowledge, critical thinking, communication, and cross-cultural engagement." Each of these facets is embedded in Achieve3000's solutions, which include Lexile-differentiated modules of content that rapidly accelerate learning by engaging students' interest in the context of career and community service. Workforce readiness, iCivics, and career exploration content helps students connect their learning to the topics and pursuits that matter to them in the real world while also expanding the world they know and fostering global citizens.

Students who are taking or who will take the IB Diploma Programme (DP) courses required for the CP benefit from being able to gain up to two years of reading growth in just a year. In that time, they will be able to close knowledge and vocabulary gaps, become confident in their ability to handle complex text, and develop the reading, writing, discussion, and critical thinking skills needed to meet their further education and career goals.

Achieve3000 makes it possible for students of all abilities to access IB's career-related learning while providing educators with the tools, supports, and reports that will help them to be successful, including alignment to any textbook being used for IB learning.

Growth and Gains for IB Students

Achieve3000 provides any IB programme with the support needed to reach every learner through embedded reading intervention, critical thinking supports, argumentative writing and speaking practice, and an inquiry-based-task approach. More learners can succeed with the rigorous requirements of the IB programme using Achieve3000's solutions that develop literacy capacities for all IB students with anytime, anywhere access. Achieve3000's research-based, research-proven model accelerates reading gains, boosts mastery of learning standards and performance on standardized assessments, and prepares all learners for university and career.

To learn more about **Achieve3000®**,
please contact **1-800-838-8771** or visit **achieve3000.com**

About Achieve3000

Achieve3000 delivers a comprehensive suite of digital solutions that significantly accelerate and deepen learning in literacy, math, science, social studies, and ELA. Using personalized and differentiated solutions, Achieve3000 enables educators to help all students achieve accelerated growth. For more than five million students in grades PreK-12, Achieve3000 improves high-stakes test performance and drives college and career readiness.

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