

ac / TEKS science

Dynamic, Interactive Learning





Adaptive Curriculum Texas™ 2014 is an award-winning instructional solution that builds middle and high school science mastery through dynamic, interactive learning. Our real-world active learning approach motivates learners to explore, make hypotheses, manipulate items, and see the impact of their decisions. Adaptive Curriculum Texas™ has more than 700 Activity and Animation Objects that are Texas Essential Knowledge and Skills (TEKS) aligned. These combined lessons and activities address more than 1,500 TEKS Breakouts. Its easy and flexible delivery allows it to be used for whole or small group or individual instruction. With Adaptive Curriculum Texas™ 2014, students acquire core mastery through active participation in an immersive, differentiated and exciting learning environment that provides real-time feedback and assessment.

100%
COVERAGE
OF NEW TEKS
STANDARDS



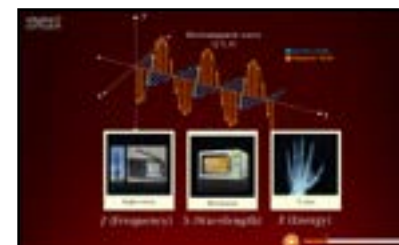
Adaptive Curriculum Texas™ 2014 is an Award-winning Instructional Solution

Our program builds middle and high school science mastery through dynamic, interactive learning. Unlike other programs developed from print, Adaptive Curriculum Texas™ 2014 was developed as a digital solution to take full advantage of the online environment and cutting-edge instructional tools, such as interactive white boards.

Active Learning & Engagement

Adaptive Curriculum Texas™ 2014 engages students to explore concepts, create and test hypotheses and manipulate items through an immersive learning environment. In addition, it offers:

- Differentiated instruction
- Real-time feedback
- Multimedia and multi-sensory delivery for different learning styles



Science Mastery through Dynamic, Interactive Learning

Adaptive Curriculum Texas™ 2014 Activity and Animation Objects are built utilizing the most recent research and proven instructional strategies and pedagogy. Incorporating rich multimedia and real-world scenarios, Activity and Animation Objects are intentionally created to engage today's digital-age learners and promote active learning. This guided discovery approach builds deep concept mastery and lasting understanding.



Dynamic & Flexible

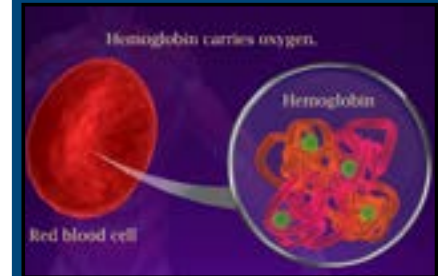
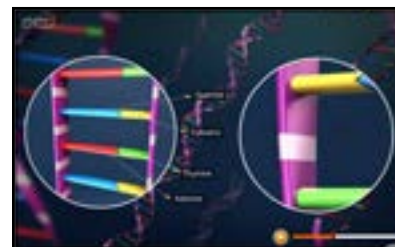
Adaptive Curriculum Texas™ 2014 is web based and portable (accessible anywhere, anytime), providing teachers tremendous flexibility for application. Easy integration with white boards leverages school technology investments and provides opportunities for group learning, problem solving and discussion.

TEKS Alignment

Activity and Animation Objects are created to build deep concept mastery of science, aligned to the Texas Essential Knowledge and Skills (TEKS) standards. Through My Adaptive Space, the Adaptive Curriculum Texas™ 2014 product portal, teachers in Texas will be able to search for Activity and Animation Objects by topic, by textbook or by conducting a keyword search to create customized lesson plans by grouping different objects together and assigning them to students.

Activity and Animation Objects are designed to:

- Accelerate learning
- Create active engagement for real-time feedback
- Provide access to online teacher guides and lesson assignment tools

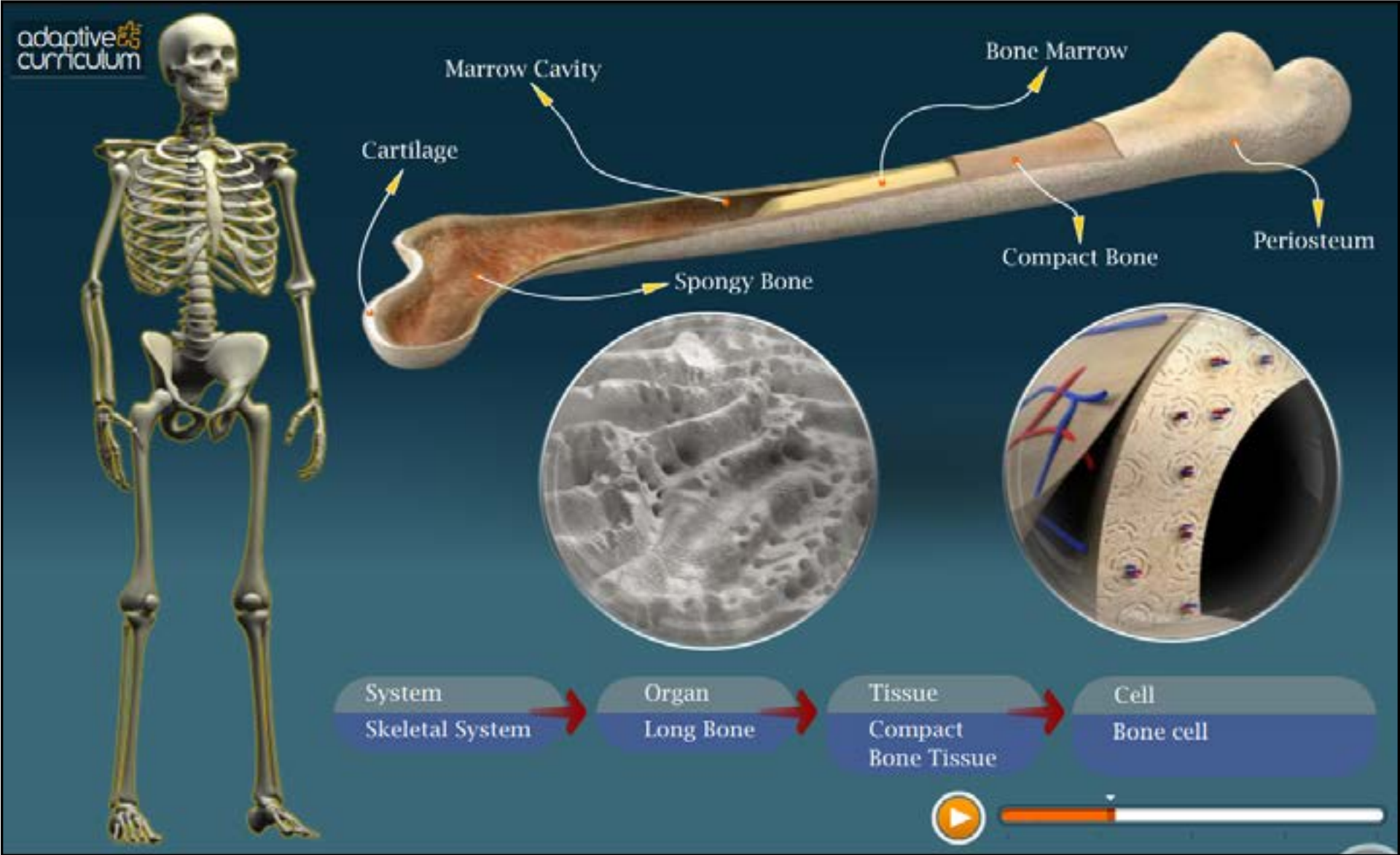


“Now when students get to the test, they have an image in their minds—something they can remember and relate the question to, and that is reflected in our test scores. Over the last two years, our science scores have gone up six or seven points a year.”

Alma Cardenas-Rubio
Principal
Bestiero Middle School
Brownsville, TX

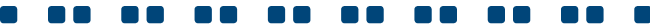


Science Activity Objects

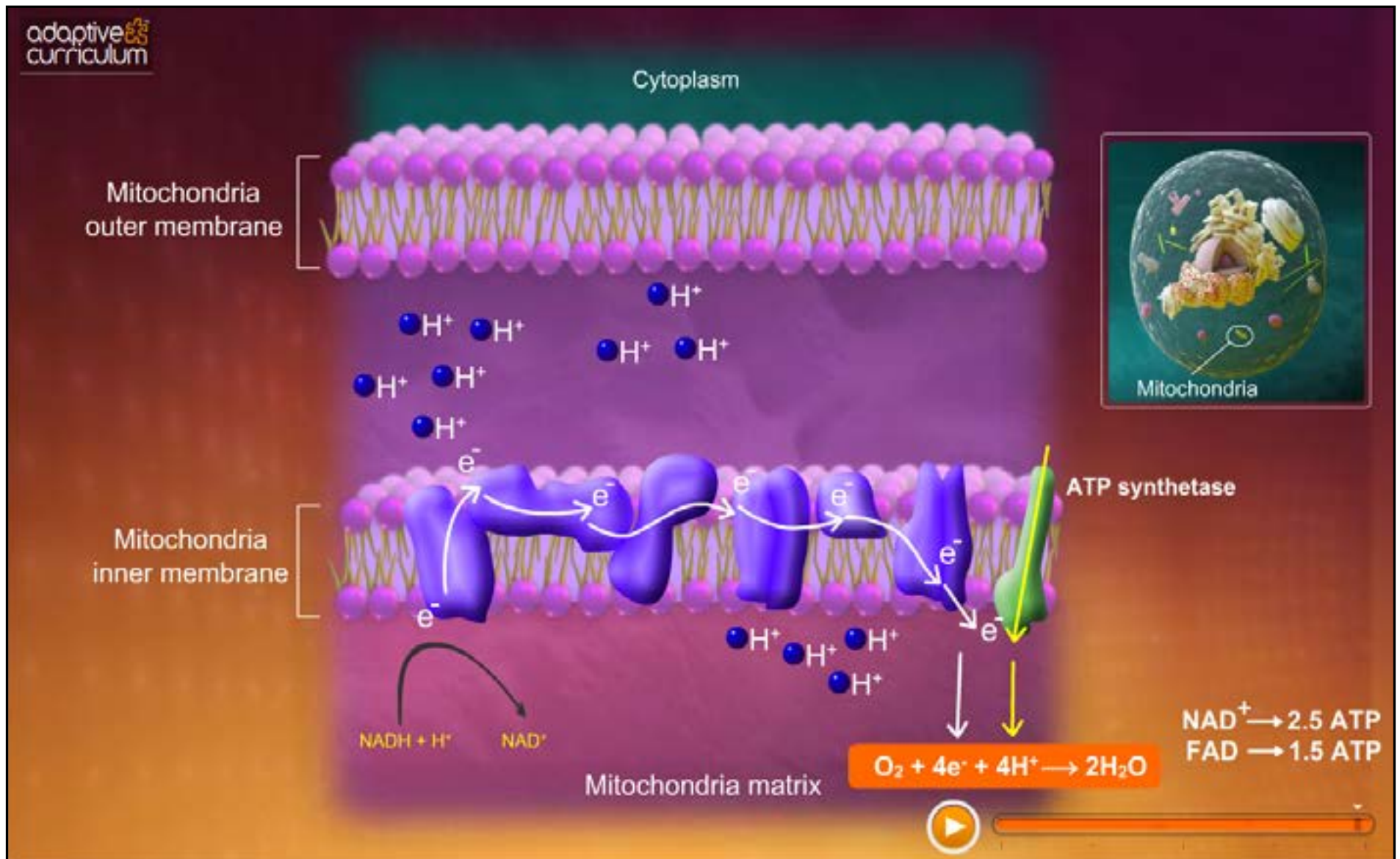


Interactive 3D Model: These Activity Objects allow learners to explore scientific structures using interactive 3D models.

Structure of Bones 3D Model



Science Animation Objects

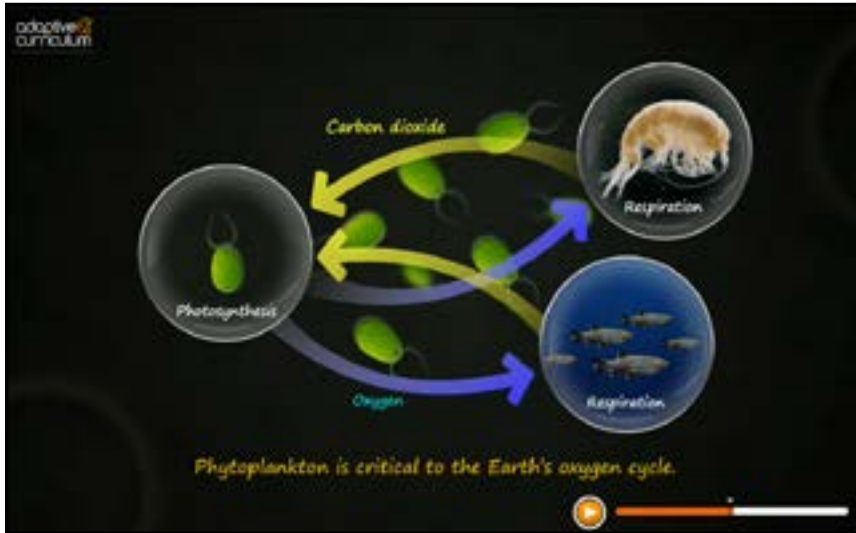


Animation Objects: Short, focused animation sequences that last approximately 2 to 3 minutes. They include a pre and post question answer sheet allowing students to think about and reflect on the content contained within the animation.

Electron Transport Chain



Biology



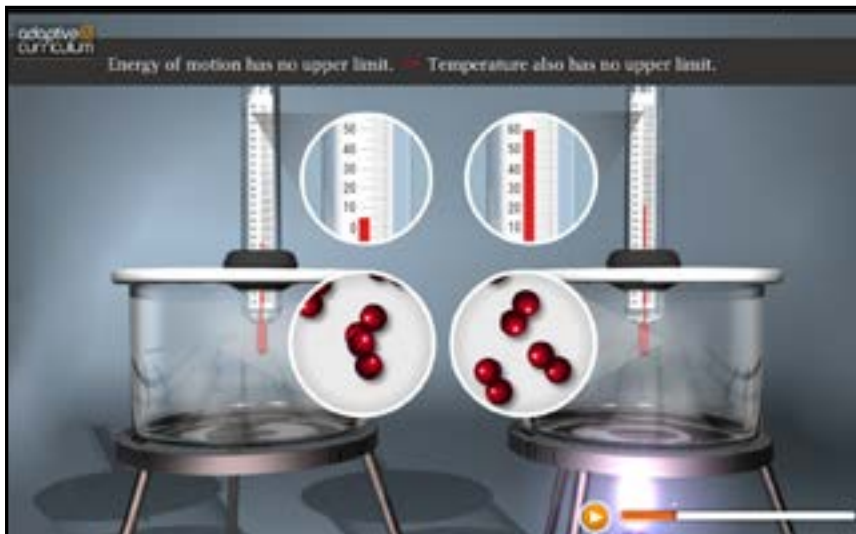
Importance of Protista

Physics



Instantaneous Velocity and Acceleration

Chemistry



Temperature Measurements

Integrated Physics and Chemistry



Uniform Circular Motion

Whole Group



Dynamic and Flexible

Adaptive Curriculum Texas™ 2014 TEKS standards-based approach and modular structure adapt to any curriculum, offering teachers a powerful and flexible instructional solution. In addition, Adaptive Curriculum Texas™ 2014 can be used anytime, anywhere and in a variety of settings, providing teachers with a wide array of application possibilities.

Small Group



Individual



Professional Development

Adaptive Curriculum Texas™ 2014 is complemented by outstanding online and onsite professional development. Our professional development team works directly with schools and districts to ensure successful program implementation, including providing strategies to compliment existing curriculums to fully leverage and integrate Adaptive Curriculum Texas™ 2014.

Adaptive Curriculum Texas™ 2014 offers:

- Tiered Professional Development Options
- Onsite Professional Development
- Webcasts
- Robust Web support including video tutorials and product walkthroughs

Supplementary Tools

Teachers and students are also provided with a rich array of supplemental support materials.

Assessment Component

Assessments track student progress providing immediate results and feedback to both teachers and students.

Activity Sheet & Enrichment Sheets

Activity Sheets are designed as student handouts and/or formative assessments, as well as for school/home communication. All Activity Sheets have Teachers' Editions for quick reference.

Teacher Guide

The Teacher Guide is essentially a comprehensive lesson plan. It is designed to provide detailed information on each Activity Object.

The information provided in the Teacher Guide includes:

- Background information on Activity Object content
- Strategies for engaging learners
- Strategies for overcoming learner misconceptions
- Real-world connections
- Aligning assessments with outcomes

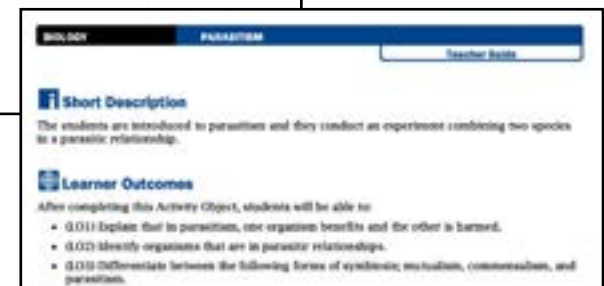
Assessment



Activity Q&A Sheet



Teacher Guide



My Adaptive Space: The Adaptive Curriculum Texas™ 2014 Teacher Portal

Student Management and Reporting



Simple navigation and student and class management.

Standards and Textbook Alignment



Adaptive Curriculum Activity and Animation Objects can be used to complement any curriculum. Alignment to TEKS, as well as a number of textbooks, makes planning with Adaptive Curriculum easy.

Reporting

The screenshot shows an 'Assignment Score Report' for 'Assignment: SEDSpring2010'. It includes the assign date (08/23/2010) and due date. Below is a table with columns for Student, Class, Progress, Metric System and Dimensional Analysis, Mutualism, and Average.

Student	Class	Progress	Metric System and Dimensional Analysis	Mutualism	Average
Amanda, White	secscifall10	In Progress	90.00%	100.00%	95.00%
Augustine, DuPuis	secscifall10	In Progress	90.00%	88.75%	89.38%
Jenna, Judd	secscifall10	In Progress	100.00%	100.00%	100.00%
Justin, Johnson	secscifall10	In Progress	90.00%	75.50%	82.75%
Keira, Van Tassel	secscifall10	In Progress	70.00%	100.00%	85.00%
Sarah, Merriman	secscifall10	In Progress	90.00%	82.50%	86.25%
Sanna, Silva	secscifall10	In Progress	90.00%	100.00%	95.00%
Tarique, Isaksson	secscifall10	In Progress	90.00%	100.00%	95.00%
AVERAGE			88.75%	100.00%	94.38%

Clear and intuitive assessment reports.



“What I liked from the start were the real life scenarios. Often when we teach something in class, students have nothing to relate it to in the real world. So they forget it. I could see that Adaptive Curriculum would help them remember concepts because it connects to real applications.”

Alma Cardenas-Rubio
Principal
Bestiero Middle School
Brownsville, TX





Awards

Distinguished Achievement Award 2008

The Association of Educational Publishers

Best Science Instructional Solution

2009 CODiE Award Finalist
Software & Information Industry Association

Education Newcomer of the Year

2008 CODiE Award
Software & Information Industry Association

Best Online Instructional Solution

2009 CODiE Award
Software & Information Industry Association

Teachers' Choice Award

2009
Learning Magazine

Best Middle School Math and Science Website

2009 BESSIE Award
ComputED Learning Center

Rookie of the Year

2008 EdNET Award
The Heller Reports and Quality Education Data

Best Middle School Math and Science Website

2008 EDDIE Award
ComputED Learning Center

Adaptive Curriculum's math and science solutions are used by millions of students in the United States, Europe and Asia and are available in multiple languages. World-wide experts in math, science and online learning theory contribute to the content and design of the interactive activities for both Adaptive Curriculum and its parent company, Sebit Inc.

In the United States, Adaptive Curriculum has partnered with Arizona State University's Technology Based Learning Research Center, which provides pedagogical research, multi-disciplinary expertise and content collaboration. The company headquarters is located in the ASU SkySong Center for Innovation, Technology and Imagination.

Adaptive Curriculum

Arizona State University SkySong
1475 N. Scottsdale Road, Suite 120
Scottsdale, AZ 85257-3538

More Information

www.adaptivecurriculum.com/us/texas

txadoption@adaptivecurriculum.com

888.999.9319 (Toll Free)