

# Technology for English Language Learners

PreK-Adult | A Multisensory Approach to Learning



EARLY LITERACY *and* MATHEMATICS



READING *to* LEARN



BECOMING *Lifelong* LEARNERS





## Support for beginning readers and writers

The NLP [National Literacy Panel, 2006] found that English Language Learners learning to read in English, just like English speakers learning to read in English, benefit from explicit teaching in the components of literacy, such as phonemic awareness, phonics, vocabulary, comprehension, and writing. The NLP reviewed five studies that, as a group, showed the benefits of structured, direct instruction for the development of literacy skills among English Language Learners.

For students whose primary language is not English, reading, writing, and literacy skills must be addressed as quickly as possible so that effective instructional practices can be developed. Non-English-speaking students are not only beginning English Language Learners but beginning readers and writers as well. Most early learners will struggle with English development in the areas of vocabulary, word recognition, reading comprehension, and writing.

**Classroom Suite** provides students with explicit instruction in **reading, writing, and mathematics**, in addition to constructive practice and embedded assessments that allow teachers to gauge progress and individualize instruction for their students.



Teachers are able to set the activity sequence, pacing, and mastery level.

## How Classroom Suite Works

**An easy three-step instructional model guides English Language Learners through the instructional program:**



**"I do"**—The material is presented in small steps using clear instructions and modeling. All directions are voiced by the computer and can be repeated as many times as needed by the student.



**"We do"**—Provides opportunities for supported practice. Students are guided to the correct answer through auditory and visual feedback.



**"You do"**—Provides independent practice. Progress is monitored, and teachers can set mastery levels. If a level is not achieved, the student is returned automatically to the practice "We do" mode/level.

*Classroom Suite* is available as a dual-platform solution in Standalone and Network with Web License editions. Visit [www.intellitools.com](http://www.intellitools.com)

## Integrated reading, writing, speaking, and listening

**Integrated reading, writing, speaking, and listening** are key to the successful implementation of a curriculum that addresses English Language Learners.

*Classroom Suite* can individualize and differentiate instruction in these key areas:

- Phonemic Awareness
- Phonics
- Vocabulary
- Fluency
- Comprehension
- Writing

**Physical, cognitive, and language barriers that previously impeded instruction can all be virtually eliminated as audio, visual, and other text-to-speech adjustments are available.**

## Effective writing instruction

Strong writers draw on a wide variety of component skills, organization of ideas, proofreading skills, a rich vocabulary, and an ability to organize sentences and paragraphs into a fluid piece.

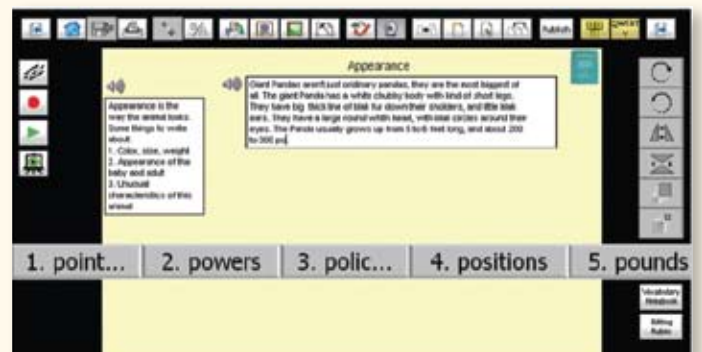
Writing a complete sentence, a paragraph, or a story might seem insurmountable if the English Language Learner struggles with both the components and mechanics of writing.

**NEW!**  
*Classroom Suite* Reading Tutor and  
*Classroom Suite* Primary Skills Builders  
Additional authored activities for  
*Classroom Suite* version.

Areas of *Classroom Suite* that support the writing process include:



**Brainstorming.**



**Organizing, Drafting, and Proofreading.**



**Final Drafting and Publishing.**

## Effective mathematics instruction

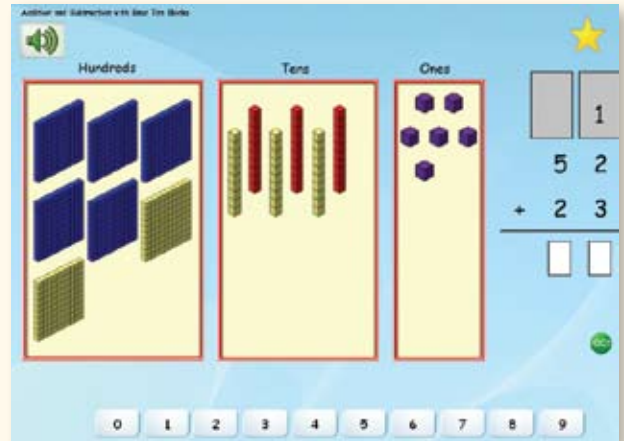
*Classroom Suite* helps students with math by simplifying the language. Math concepts through Practice and Challenge activities. These activities focus on Whole Number Operations, Place Value, and Fractions and Decimals.

*Classroom Suite* uses on-screen manipulatives to help students build conceptual knowledge and move toward automaticity through timed problem solving while assessing their progress.

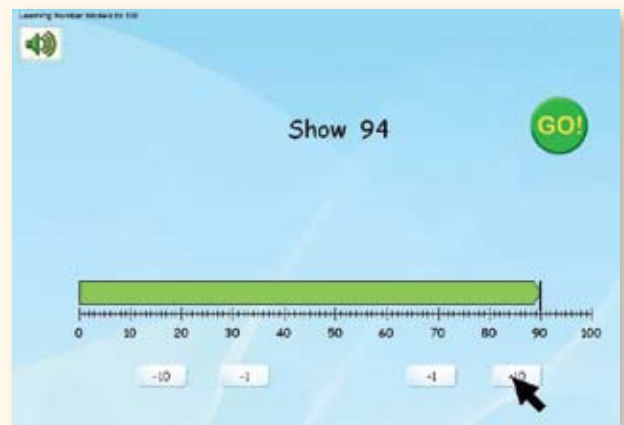
*Classroom Suite* addresses the following math concepts:

- Counting, sorting, and patterns
- Addition and subtraction
- Multiplication and division
- Decimals
- Place value
- Fractions

With the add-on module, *Classroom Suite Math Tutor*, there are more than 60 additional activities covering addition, subtraction, and learning money.



Addition and subtraction with Base-Ten Blocks and many more curriculum templates are included.



Number sense can be built using number lines or other virtual manipulatives in many lessons.

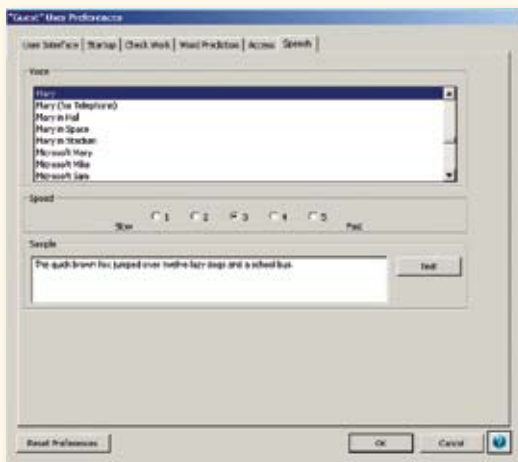


Learning Money and many more lessons are included with *ClassroomSuite Math Tutor*.

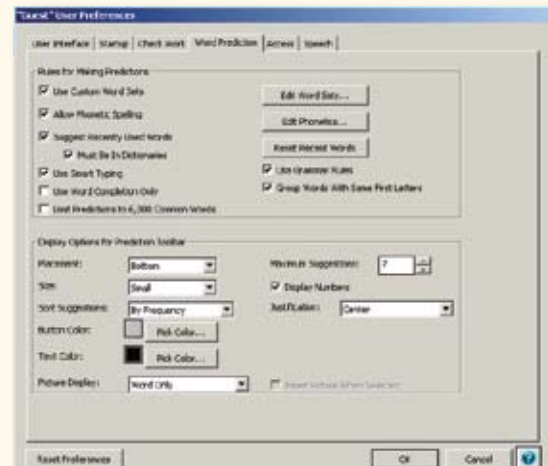
FREE 30 day trials are available.  
Go to [www.intellitools.com](http://www.intellitools.com)  
or call 1-800-547-6747.

## Customized instruction is available through the Teacher Management System.

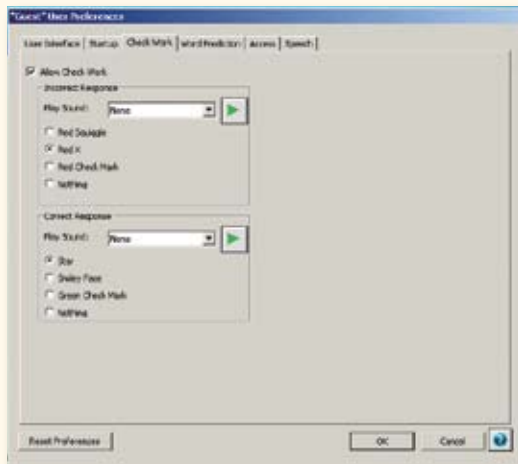
Teacher Management features empower teachers to customize a user interface to individualize instruction for English Language Learners.



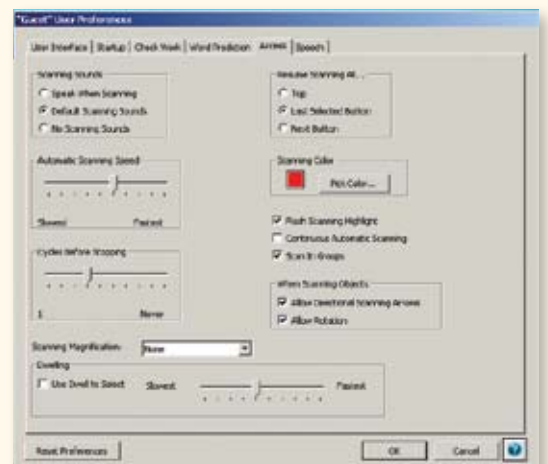
Speech settings let teachers specify settings for the talking feature.



Word Prediction settings can be associated with an individual user or with a document.



Check Work options let teachers specify how they want the program to respond to students' input or answers.



Access options enable teachers to specify the settings for the scanning feature.

Customized instruction benefits students who need to have their instructional programs monitored and tracked for IEPs or for other instructional purposes.

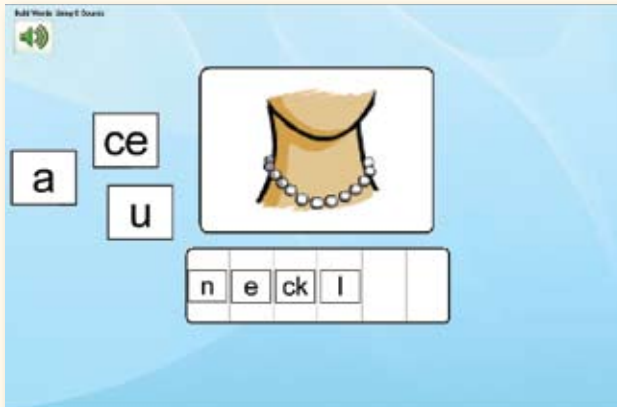
Join the FREE IntelliTools Classroom Suite Activity Exchange  
[aex.intellitools.com](http://aex.intellitools.com)

## ***Classroom Suite* supports Differentiated Instruction**

**Differentiated instruction** is an approach to teaching and learning that provides students with a variety of methods for taking in information and making sense of what they learn. Differentiated instruction means adjusting the curriculum and presentation of lessons to the students' learning style rather than expecting students to modify their learning style to fit the lesson.

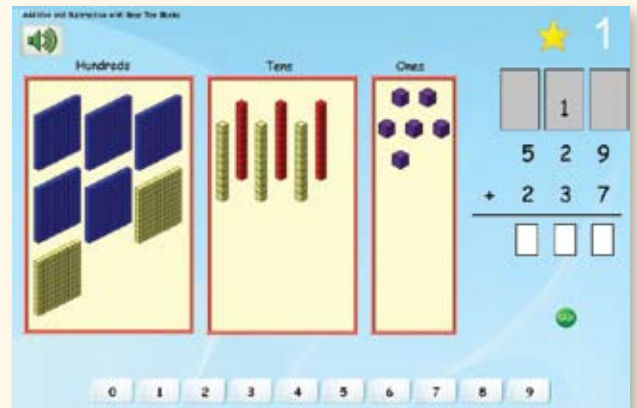
**Universal Design for Learning (UDL)** is a framework for designing curricula that enables all individuals to learn. *Classroom Suite* supports English Language Learners, as it was designed around these principles:

### **Multiple Means of Representation**



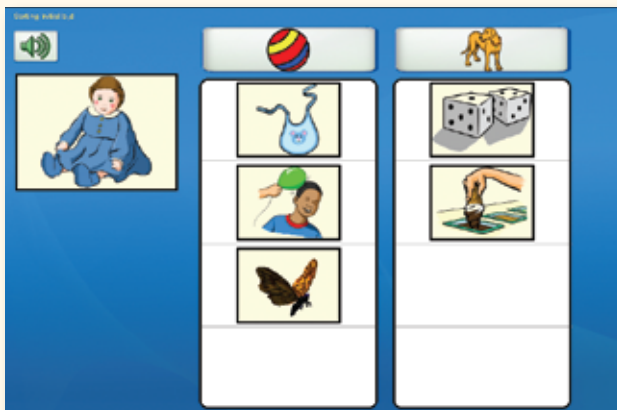
Students experience concepts through text, graphic, and sound instruction.

### **Multiple Means of Expression**



Students have a variety of methods to demonstrate concept mastery.

### **Multiple Means of Engagement**



Information is presented at the students' learning pace, keeping the interest level high.





## Individualized and independent support to help students pursue their studies

Research suggests that the effective integration of technology can improve academic achievement, promote English and native language proficiency, augment positive self-concepts, enhance motivation, stimulate positive attitudes towards learning, and foster higher-level thinking skills.

—Chishom & Beckett



English Language Learners who *learn to read* must simultaneously apply these skills and *read to learn*.

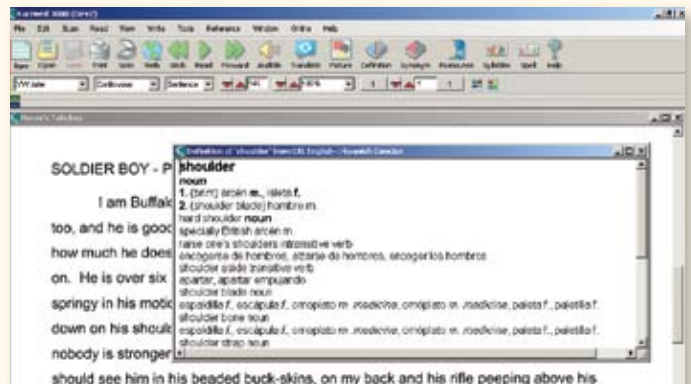
Kurzweil 3000 provides access to grade level core curriculum. Students can simply follow along as text is read in a mode individualized to their level and needs.

### English Language Learners need to learn language and content through:

- The ability to read any scanned text, digital file, or Internet page
- Access to text at or just beyond the student's language proficiency level
- A multisensory approach to text comprehension
- Visual tracking of words as text is read
- Auditory support when typing
- Bilingual dictionaries and support for picture dictionaries (users can also look up words within a definition if needed)
- Play back of targeted words as often as necessary to facilitate learning
- Note taking and simple outline creation
- Language translations "on the fly" with Google™ Translate

### Kurzweil 3000 provides special attention to these areas of need:

- Vocabulary development
- Improved pronunciation
- Phrasing
- Exposure to authentic writing
- Multisensory learning
- Independence as a learner



Bilingual dictionary, a Picture Dictionary with over 1,300 graphics and a Word Prediction dictionary can aid in language learning.



Translation of text from English to primary language.

**Kurzweil 3000 is available for both Windows® and Macintosh®. For more information, contact the local sales representative in your area or visit [www.kurzweiledu.com](http://www.kurzweiledu.com)**

## Learning of the English Language can be challenging

*Kurzweil 3000* supports decoding for students with weak phonemic awareness and phonic skills:

- The pronunciation of text in English
- The ability to read text aloud numerous times
- Syllabification
- The ability to highlight and read words
- Audible dictionaries and a thesauri to deepen vocabulary understanding



Teachers can embed notes to guide students through text.

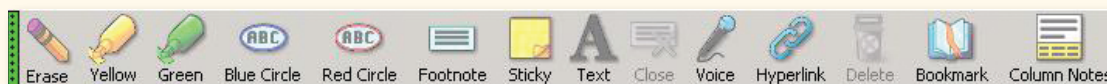


Reading Toolbar

## Vocabulary enrichment is a critical factor in academic learning

*Kurzweil 3000* supports vocabulary enrichment:

- Auditory reading of text
- Bilingual and English dictionaries, as well as support for picture dictionaries
- A thesaurus that generates a list of synonyms
- Visual tracking of words as the text is read
- A multisensory approach that connects with different learning styles
- Audio or text-based notations
- Highlight tools to mark challenging vocabulary
- Reinforcement of phonetic learning, as words can be divided into syllables
- Repeated play back of words or passages

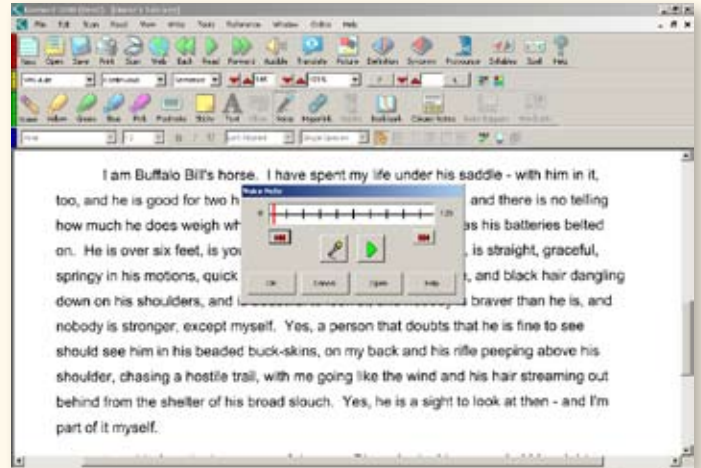


Embedded study tools can help students create outlines and make notes.

## Fluency is affected by a lack of proficiency in English

*Kurzweil 3000* supports the teaching of fluency through:

- Modeling of fluent oral reading
- Allowing a student to read text at his/her level of language proficiency
- Ensuring that students can practice listening to and reading text as often as necessary
- Reinforcing the flow and cadence of the English language
- Focusing on chunks of text by breaking reading into segments
- Training the eye to move more quickly across the page by gradually increasing reading speed
- Preventing students from skipping or missing parts of words
- Transforming reading from a passive process into an interactive one
- Providing timely feedback so students need not interrupt their reading flow

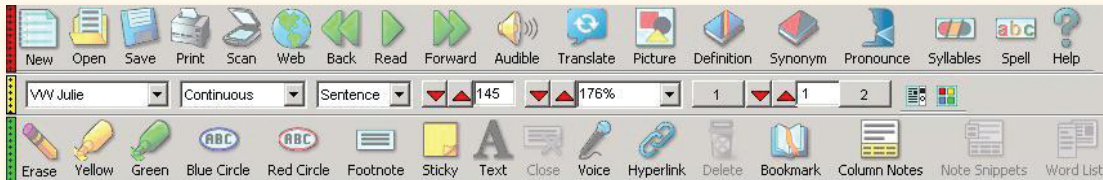


Students can practice their English fluency by recording themselves reading a passage.



## Proficient readers use strategies to promote reading comprehension

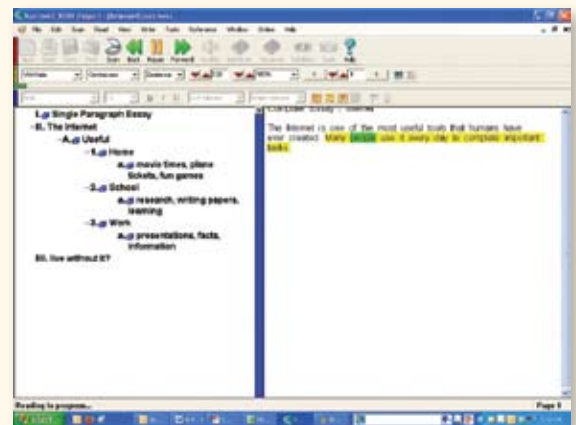
- Highlighting critical information in multiple colors
- Generating questions in the form of notes that can be extracted into a separate study documents
- Creating outlines or flash cards from highlighted text
- Comparing the original document and a text document at the same time, students can refer to the original while answering questions or summarizing
- Defining unknown words using dictionaries
- Use of a thesaurus to increase understanding and vocabulary
- Researching the Internet for additional background information
- Reading by Headers, to quickly gain general understanding of content
- Using Notes to jot down questions or comments



In combination, Kurzweil 3000's toolbars provide powerful supports for reading and writing

## Good writers draw from a pool of strategies

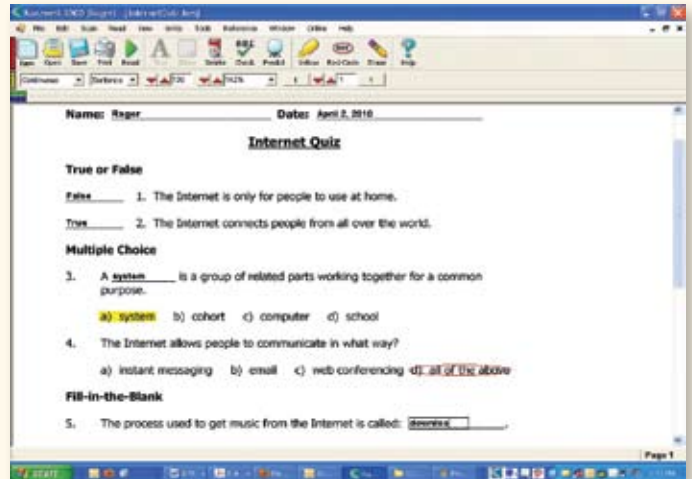
- Auditory reading of written text as a means of proofreading for grammar, spelling, and content
- Highlighting key material for the purpose of writing
- Generate alternative word choices
- Using word prediction, spell checkers, and dictionaries to insure quality of written output
- Employing broader vocabulary by use of specific word lists
- Eliminating misuse of words by identification of homophones or easily confused words



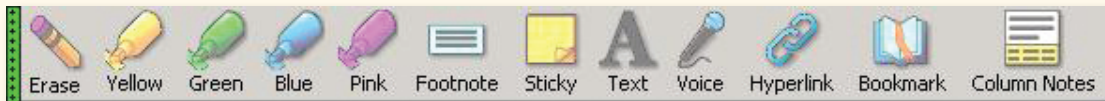
Writers can work from outline to draft in a side-by-side view to maintain organization and flow of ideas.

## Test-taking strategies allow students to demonstrate their knowledge

- Pre-reading, highlighting, note taking, and summarizing for more effective learning
- Creating outlines or study guides by extracting key information for review purposes
- Listening to instructions as many times as needed
- Listening to questions and answers to verify correctness
- Accessing necessary supports such as dictionaries and thesauri when allowed
- Creating study guides to review information and move it into long-term memory



Reading of tests or quizzes allows assessment of content knowledge without penalty for the inability to read English proficiently.



Kurzweil 3000 offers multiple means of responding to questions, which allows the learner to display mastery of content.





## Anytime, anywhere learning extends beyond high school

[Research shows that] language, academic, and cognitive development all go hand in hand. As our students increase their knowledge of second language across all subject areas, they need to have continuing development of thinking skills.

—Ovando & Collier

Ongoing needs of English Language Learners in higher education include:

- Increased exposure to “academic” English
- Increased exposure to English pronunciations
- Increased opportunities to hear and read text for phrasing and skill acquisition
- Increased exposure to authentic writing
- Increased exposure to text through multisensory learning tools

*Kurzweil 3000* provides scaffolded support and access to higher-level material and content that students might not be able to access independently.

## Multisensory support

Students can

- Simultaneously listen to and read scanned text, image text (such as PDF files), digital files, and Internet pages
- Visually track words and phrases on screen as they are read aloud
- Take advantage of the software’s study-skills tools and create audio files for listening to text anywhere

## Opportunities to hear authentic text across all subject areas

Exposure to authentic text is one of the best ways to:

- Introduce English Language Learners to a variety of writing styles and formats
- Experience different writing formats firsthand
- Learn the conventions for writing essays, critiques, and research reports

## Pronunciation and vocabulary instruction

- Gain a greater understanding of words by being able to hear and read them in context
- Look up unfamiliar words as they read
- Highlight words for future reference
- Create vocabulary lists organized by topic or attribute
- Access audible dictionary definitions in English, French, German, Spanish, or Italian

Find out more about how *Kurzweil 3000* has positively impacted the lives of college students by visiting our YouTube channel at [www.youtube.com/CambiumTech](http://www.youtube.com/CambiumTech) or visit [www.kurzweiledu.com](http://www.kurzweiledu.com) and click on our video gallery link.





## Let us help you meet the challenges of English Language Learners

Technology that supports a Multisensory Approach to Learning in the areas of:

- Reading
- Writing
- Speaking
- Listening

## Persistence counts!

Give them the tools and education to be successful both inside and outside the classroom.



800-547-6747 [www.cambiumtech.com](http://www.cambiumtech.com)

