

# The writing is on the wall...literally.

The **Concept Construxions** system is based on the same literature and research that informed the Common Core Standards. The following standards align specifically to the implementation of our system.

## ELA Anchor Standards: Vocabulary Acquisition and Use **CCSS**

4. Determine or clarify the meaning of unknown and multiple-meaning words and phrases by using context clues, analyzing meaningful word parts, and consulting general and specialized reference materials, as appropriate.
5. Demonstrate understanding of word relationships and nuances in word meanings.
6. Acquire and use accurately a range of general academic and domain-specific words and phrases sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.

## ELA for Science: Craft and Structure **CCSS**

4. Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant...
5. Analyze the structure of the relationships among concepts in a text, including relationships among key terms (e.g., force, friction, reaction force, energy).

## ELA for Science: Integration of Knowledge and Ideas **CCSS**

7. Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words.

## Standards for Mathematical Practice **CCSS**

3. Construct viable arguments and critique the reasoning of others.  
Mathematically proficient students understand and use stated assumptions, definitions, and previously established results in constructing arguments....They justify their conclusions, communicate them to others, and respond to the arguments of others.
6. Attend to precision.  
Mathematically proficient students try to communicate precisely to others. They try to use clear definitions in discussion with others and in their own reasoning. They state the meaning of the symbols they choose...

## Application of the Standards for English Language Learners **CCSS**

Research has demonstrated that vocabulary learning occurs most successfully through instructional environments that are language-rich, actively involve students in using language, require that students both understand spoken or written words and also express that understanding orally and in writing, and require students to use words in multiple ways over extended periods of time.

