


These segments can be utilized through reading groups, whole class reading events, or independent reading opportunities. Written with the English Language Learner in mind as well, these sections of the text provide the ELL population with the access to language necessary for success. “The Story” implicitly and explicitly builds literacy skills in the content area while serving as a tool for learning content in science.

Teachers may use these sections for reading groups, independent reading, or to activate prior knowledge. These sections may also be used after the chapter is covered as a review of the key concepts.

## B. Key Words

Each chapter has a list of vocabulary which was developed with the expectation that academic language is essential to success in science. The vocabulary is intended to be read, discussed, memorized, and used in context during class and small group discussions and writing assignments to reflect command of science as an academic language.

Key Words:		
<b>Atom</b> —	smallest particle of an element	
<b>Chemical compound</b> —	when two or more elements combine chemically	
<b>Chemical Reactions</b> —	a change that happens when substances combine to form new substances	
<b>Product</b> —	name for a substance that is formed during a chemical reaction	
<b>Reactant</b> —	name of a substance that is changed during a chemical reaction	
<b>Conservation</b> —	saving something so it is not lost	

The internalization of skills and concepts in science cognitively provide students with scaffolding opportunities necessary for building knowledge. Through such practice, students will assimilate knowledge and understanding of phenomena in science. Familiarity with the academic language, and having opportunities to use the language in context builds confidence in the learner while facilitating the internalization of concepts. Teachers have flexibility to incorporate vocabulary development through making flashcards, writing stories, and/or by developing memory games and crossword and word search puzzles.