

Appendix C

How to Read the Supplemental Materials

Each Objective in the Core is a separate section, and has three different tables.

The first table serves as a header, identifying the Subject, Grade, Standard, and Objective. Below is a sample.

Subject	Grade	Standard	Objective
Science	K	2. Earth and Space Science	1. Investigate non-living things.

The second table contains the Big Ideas for Content, Standard 1 (Intended Learning Outcomes—ILOs), and Science, Technology, and Society Applications. There are one- and two-letter abbreviations bracketed in parentheses to help the reader track what is in that Objective. The key for these abbreviations is found below. At the bottom of the second table is a valuable guide to **key vocabulary** in the Objective, called “Science language students should be able to use correctly.”

Content Big Ideas	Standard 1 Big Ideas – Intended Learning Outcomes	Science, Technology, and Society Big Ideas
Earth and Space Science (E) Earth science (SS) Space science Physical Science (A) Atomic/molecular (F) Force and motion Life Science (CT) Changes over time (N) Nature of Living Things	(PoS) Processes of science (NoS) Nature of science (CoS) Communication of science	(T) Tools of science (A) Applications of science (S) Implications of science for people

Indicators: Intended Learning Outcomes framed by Standard 1 Big Ideas

Indicator 1
Indicator 2

Science language students should be able to use correctly:

The third table contains guidance for the actual teaching of the Objective, broken down into two sections. The first contains specific teaching ideas for combining the Content standard and the Process standard (from Standard 1) with curriculum connections to other subjects. The second contains ideas for extending the objective into questions about how it may impact technology, how it may actually be used in the workplace or industry, and how use of this content affects people in their day-to-day lives.

Guidance for Combining Content and Process	Guidance for Combining Science, Technology, and Society

A key to the one- and two-letter abbreviations is at the bottom of each page.