

ASSESSMENT BLUEPRINT

Science Grade 7

This blueprint describes the content and structure of an assessment and defines the ideal percentage of operational test items by Disciplinary Core Idea (DCI) and standard of the Tennessee Comprehensive Assessment Program (TCAP).

IDEAL PERCENTAGE OF ITEMS*	DCI AND STANDARDS
27-32%	Physical Sciences (PS) 7.PS1 Matter and Its Interactions
59-64%	Life Sciences (LS) 7.LS1 From Molecules to Organisms: Structures and Processes 7.LS2 Ecosystems: Interactions, Energy, and Dynamics 7.LS3 Heredity: Inheritance and Variation of Traits
9-11%	Earth & Space Sciences (ESS) 7.ESS3 Earth and Human Activity
0-9%	Engineering, Technology, and Applications of Science (ETS)** 7.ETS2 Links Among Engineering, Technology, Science and Society

51-55 Total Items (including embedded field test items)

*The ranges shown indicate the % of operational items on the assessment and are not a reflection of score points.

**Reported as a part of another DCI.