

ASSESSMENT BLUEPRINT

Science Grade 8

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
34-36%	<p>Physical Sciences (PS)</p> <p>8.PS2 Motion and Stability: Forces and Interactions</p> <p>8.PS4 Waves and Their Applications in Technologies for Information Transfer</p>
20-25%	<p>Life Sciences (LS)</p> <p>8.LS4 Biological Change: Unity and Diversity</p>
41-45%	<p>Earth & Space Sciences (ESS)</p> <p>8.ESS1 Earth’s Place in the Universe</p> <p>8.ESS2 Earth’s Systems</p> <p>8.ESS3 Earth and Human Activity</p>
0-9%	<p>Engineering, Technology, and Applications of Science (ETS)**</p> <p>8.ETS1 Engineering Design</p>

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.