

## ASSESSMENT BLUEPRINT

# Science Grade 4

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
<b>28-32%</b>	<p><b>Physical Sciences (PS)</b></p> <p>4.PS3                      Energy</p> <p>4.PS4                      Waves and their Application in Technology for Information Transfer</p>
<b>28-32%</b>	<p><b>Life Sciences (LS)</b></p> <p>4.LS2                      Ecosystems: Interactions, Energy, and Dynamics</p> <p>4.LS4                      Biological Change: Unity and Diversity</p>
<b>36-40%</b>	<p><b>Earth &amp; Space Sciences (ESS)</b></p> <p>4.ESS1                      Earth’s Place in the Universe</p> <p>4.ESS2                      Earth’s Systems</p> <p>4.ESS3                      Earth and Human Activity</p>

**0-8%**    **Engineering, Technology, and Applications of Science (ETS)\*\***

4.ETS1

Engineering Design

4.ETS2

Links Among Engineering, Technology, Science and Society

**28-32 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.