

TCAP Assessment Blueprint Science - Grade 8

This blueprint describes the content and structure of an assessment and defines the ideal percentage and number of operational test items by reporting category for the Tennessee Comprehensive Assessment Program (TCAP). For more information on this assessment, please see the Assessment Overviews [here](#).

| Physical Sciences 34 - 36 % of Items | | Life Sciences 20 - 25 % of Items | | Earth and Space Sciences 41 - 45 % of Items | | Engineering, Technology, and Applications of Science** 0 - 9 % of Items | |
|---|------------------------------------|-------------------------------------|------------------------------------|---|------------------------------------|---|------------------------------------|
| Standard | Ideal # of Operational Items | Standard | Ideal # of Operational Items | Standard | Ideal # of Operational Items | Standard | Ideal # of Operational Items |
| 8.PS2.1 | 0 - 4 | 8.LS4.1 | 0 - 4 | 8.ESS1.1 | 0 - 4 | 8.ETS1.1 | 0 - 4 |
| 8.PS2.2 | 0 - 4 | 8.LS4.2 | 0 - 4 | 8.ESS1.2 | 0 - 4 | 8.ETS1.2 | 0 - 4 |
| 8.PS2.3 | 0 - 4 | 8.LS4.3 | 0 - 4 | 8.ESS2.1 | 0 - 4 | TOTAL | 0 - 4 |
| 8.PS2.4 | 0 - 4 | 8.LS4.4 | 0 - 4 | 8.ESS2.2 | 0 - 4 | | |
| 8.PS2.5 | 0 - 4 | 8.LS4.5 | 0 - 4 | 8.ESS2.3 | 0 - 4 | | |
| 8.PS4.1 | 0 - 4 | TOTAL | 9 - 11 | 8.ESS2.4 | 0 - 4 | | |
| 8.PS4.2 | 0 - 4 | | | 8.ESS2.5 | 0 - 4 | | |
| 8.PS4.3 | 0 - 4 | | | 8.ESS3.1 | 0 - 4 | | |
| TOTAL | 15 - 16 | | | 8.ESS3.2 | 0 - 4 | | |
| | | | | TOTAL | 18 - 20 | | |

Summary

Operational Items

41 - 46*

*Please note that these numbers reflect operational items only. All Science TCAP assessments also include embedded field test items.

**ETS items are reported as part of another DCI (PS, LS, or ESS).