

Preliminary STAAR Grade 8 Science Blueprint Effective as of School Year 2022–23*

| | Number of Standards | | andards | Number of Questions | Number of Points |
|----------------------|---|------------|---------|---------------------|------------------|
| Reporting Categories | Reporting Category 1: Matter and Energy | Readiness | 5 | 9–11 | 10–14 |
| | | Supporting | 4 | | |
| | Reporting Category 2: Force, Motion, and Energy | Readiness | 2 | 7–9 | 8–12 |
| | | Supporting | 5 | | |
| | Reporting Category 3: Earth and Space | Readiness | 5 | 9–11 | 10–14 |
| | | Supporting | 9 | | |
| | Reporting Category 4: | Readiness | 2 | 9–11 | 10–14 |
| | Organisms and Environments | Supporting | 11 | | |
| | | | | | |
| Item Types by Point | 1-point questions (multiple-choice and non-multiple-choice items) | | | 30 | 30 |
| | 2-point questions (non-multiple-choice items) | | | 8 | 16 |
| | Total | | | 38 | 46 |

All TEKS, whether identified as readiness or supporting, are required to be taught in their entirety for a grade level or course.

Readiness standards are essential for success in the current grade and important for preparedness for the next grade or course. They address broad and deep ideas and require in-depth instruction. These standards make up approximately 60–65% of the total points on the base test.

Supporting standards play a role in preparing students for the next grade or course but not one that is central. They may address more narrowly defined ideas or concepts or may be emphasized in grades below or above the current grade or course. Supporting standards make up approximately 35–40% of the total points on the base test.

Every passage and question on STAAR is created for Texas students with the review and approval of Texas educators.

STAAR passages and questions go through a rigorous development and review process to ensure they accurately measure student knowledge.

Step 1: Passages and questions are written to align with the TEKS, which describe what students should know and be able to do in each grade and subject.



Step 2: Groups of Texas educators review and approve passages and questions for the grade and subject they teach to ensure passages and questions are grade-level appropriate, align with the TEKS, and are unbiased and accessible to all students.



Step 3: Questions are tested out by Texas students but do not count towards their scores to confirm that the questions are unbiased and accurate. These are called "field-test questions".



Step 4: Passages and questions that pass all previous steps can be selected for an official STAAR test to provide educators and families with information to support teaching and learning.

2021–22 STAAR Science Resources

2021–22 STAAR Resources for all Assessments

STAAR Redesian Resources