

DRAFT SST Biology BOY/MOY Blueprint

Effective beginning with the Fall 2027 administration

Strand	Number of Questions
Strand 1: Biological Structures, Functions, and Processes	9-11
Strand 2: Mechanisms of Genetics	5-7
Strand 3: Biological Evolution	4-6
Strand 4: Interdependence within Environmental Systems	3-5
Total	26

Subscores will not be reported for the Strands.

Curriculum: [All student expectations](#) are required to be taught in their entirety for a grade level or course. The Assessed Curriculum document outlines the student expectations that are eligible to be assessed on the state summative assessment.

Question types: Inline choice, multipart, multiple choice, and multiselect.

Development Process: All questions go through a rigorous development and review process to ensure they accurately measure student knowledge. Every question on the test is created for Texas students with the review and approval of Texas educators. TEA encourages highly qualified Texas educators to [apply to participate](#) in these review committees.

Step 1: Questions are written to align with the TEKS, which describe what students should know and be able to do in the science course.



Step 2: Groups of Texas educators review and approve to ensure the science questions align with the TEKS and are appropriate for all students at the intended grade level.



Step 3: Field Testing – Questions are answered by Texas students but do not count toward their scores. This confirms the questions are valid and reliable.



Step 4: Questions that pass all previous steps can be selected for a test form to provide educators and families with information to support teaching and learning.