

2025-2026
8th Grade Science- Texas
Scope & Sequence

Course Overview:

8th Grade Science is the final science course in the middle science series and builds upon the strong foundation built in 6th and 7th grade. In Grades 6 through 8 Science, content is organized into recurring strands. The concepts within each grade level build on prior knowledge, prepare students for the next grade level and establish a foundation for high school courses. The following concepts will be addressed in each strand: Science and Engineering Practices, Matter and Energy, Force, Motion and Energy, Earth and Space, and Organisms and Environments. **Grade 8 Science provides foundation knowledge and skills that are essential for success in the high school courses of Biology, Chemistry, and Physics.**

Standards:

As the TEKS are transitioning to the newly adopted TEKS for the 2025-2025 school year, Grade 8 Science will focus on the STAAR-tested TEKS until the STAAR transitions to the new TEKS. TEKS that are not tested on STAAR this year will be taught and assessed after STAAR.

[Academic Calendars](#)

[2025-2026 TEKS by Unit 8th Grade Science](#)

| Unit Number | Unit Title | Number of Core Instructional Days | Number of Flex Days | Number of Assessment Days | Recommended total number of class periods | Summative Assessment | Scanning Deadline <small>The last day student data will be incorporated for district-wide analysis.</small> | To be completed by teacher | | |
|-------------|------------|-----------------------------------|---------------------|---------------------------|---|----------------------|--|----------------------------|---------------|--|
| | | | | | | | | Unit Start Date | Unit End Date | Assessment Date <small>Auto-graded exams: by the scanning deadline Exams with short constructed responses: at least 3 days prior to scanning deadline Exams with extended constructed responses: at least 5 days prior to scanning deadline</small> |

8th Grade Science - Fall Semester

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|---|--------------------------------|----|---|---|----|--------------------------------------|------------|--|--|--|
| 1 | Investigating Chemical Changes | 14 | 1 | 1 | 16 | TX_SCI_8thScience_F25_UE1 | 9/17/2025 | | | |
| 2 | Force and Motion | 15 | 1 | 1 | 16 | TX_SCI_8thScience_F25_UE2 | 10/16/2025 | | | |
| 3 | Waves and Energy | 10 | 1 | 1 | 12 | TX_SCI_8thScience_F25_UE3 | 11/3/2025 | | | |
| 4 | The Universe | 12 | 1 | 1 | 14 | TX_SCI_8thScience_F25_UE4 | 11/21/2025 | | | |
| 5 | Changing Earth | 8 | 0 | 1 | 9 | TX_SCI_8thScience_F25_UE5 (optional) | 12/12/2025 | | | |

Semester Exam Window: December 10- 12, 2025 Scanning Deadline 12/19/2025

8th Grade Science - Spring Semester

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|--|------------------------------------|---------|---|---|---------|-----------------------------|-----------|--|--|--|
| 6 | Earths Water and Human Activity | 4 | 0 | 0 | 4 | NA | NA | | | |
| 7 | Global Weather Systems | 9 | 1 | 1 | 11 | TX_SCI_8thScience_S26_UE7 | 1/23/2026 | | | |
| 8 | From Cells to Organisms | 7 | 1 | 1 | 9 | TX_SCI_8thScience_S26_UE8 | 2/5/2026 | | | |
| 9 | Traits of Organisms | 7 | 1 | 1 | 9 | TX_SCI_8thScience_S26_UE9 | 2/19/2026 | | | |
| 10 | Investigating Ecosystems | 9 | 0 | 0 | 9 | NA (Will be assessed on IA) | NA | | | |
| IA Window: March 2 - 6, 2026 | | | | | | | | | | |
| STAAR Success | | 19 - 20 | | | 19 - 20 | NA | NA | | | |
| STAAR Exam Window: April 14 - April 24 , 2026 | | | | | | | | | | |
| 11 | Investigating Properties of Matter | 5 | 1 | 1 | 7 | TX_SCI_8thScience_S26_UE11 | 5/11/2026 | | | |
| 12 | Climate Change | 4 | 0 | 0 | 4 | NA | NA | | | |