

7th Grade Science - Year at a Glance - 2026/2027

1st Nine Weeks 9wk Start Date: 8/12/26 - 9wk End Date: 10/9/26	3rd Nine Weeks 9wk Start Date: 1/6/27 - 9wk End Date: 3/4/27
Unit 0: Laboratory Safety and Experimental Design (5 days) - TEKS in this Unit: 7.1A 7.1B 7.1C 7.1D 7.2A 7.2B 7.2C 7.2D 7.2E 7.3A 7.3B 7.4A 7.4B - Target Completion Date: Aug. 17, 2026 Unit 01: Investigating Matter and Solutions (15 days) - TEKS in this Unit: 7.6A 7.6B 7.6C 7.6D 7.1B 7.1F 7.1G 7.3A - Target Completion Date: Sep. 9, 2026 Unit 02: Investigating Force and Motion (15 days) - TEKS in this Unit: 7.7A 7.7B 7.7C 7.7D 7.1B 7.1D 7.1E 7.2C 7.3B - Target Completion Date: Sep. 30, 2026	Unit 06: Investigating Water and Human Activity (14 days) - TEKS in this Unit: 7.11A 7.11B 7.1B 7.2B 7.2C 7.2D 7.3A 7.3B 7.3C - Target Completion Date: Jan. 25, 2027 Unit 07: Investigating Body Systems I (19 days) - TEKS in this Unit: 7.13A 7.13B 7.1B 7.1E 7.1F 7.1G 7.2A 7.3A 7.4A 7.4C - Target Completion Date: Feb. 19, 2027 Unit 08: Investigating Body Systems II (14 days) - TEKS in this Unit: 7.13A 7.1A 7.1F 7.1G 7.2A 7.3A 7.4A 7.4B - Target Completion Date: Mar. 19, 2027
2nd Nine Weeks 9wk Start Date: 10/14/26 - 9wk End Date: 12/17/26	4th Nine Weeks 9wk Start Date: 3/15/27 - 9wk End Date: 5/27/27
Unit 03: Investigating Thermal Energy (14 days) - TEKS in this Unit: 7.8A 7.8B 7.8C 7.1E 7.1G 7.3A - Target Completion Date: Oct. 22, 2026 Unit 04: Investigating the Solar System (14 days) - TEKS in this Unit: 7.9A 7.9B 7.9C 7.1B 7.1E 7.1G 7.2A 7.2B 7.3A 7.4A - Target Completion Date: Nov. 11, 2026 Unit 05: Investigating Plate Tectonics (19 days) - TEKS in this Unit: 7.10A 7.10B 7.1A 7.1F 7.1G 7.1H 7.2B 7.3A - Target Completion Date: Dec. 16, 2026	Unit 09: Investigating Inheritance and Populations (10 days) - TEKS in this Unit: 7.13C 7.13D 7.1G 7.3A 7.5B 7.5G - Target Completion Date: Apr. 5, 2027 Unit 10: Investigating Classification (14 days) - TEKS in this Unit: 7.14A 7.14B 7.1A 7.1B 7.1C 7.1E 7.2B - Target Completion Date: Apr. 23, 2027 Unit 11: Investigating Matter and Energy in Ecosystems (10 days) - TEKS in this Unit: 7.12A 7.12B 7.1G 7.2A 7.3A 7.3C 7.5D 7.5E - Target Completion Date: May 7, 2027 Unit 12: Review — TEKS Eligible to be Assessed (11 days) - TEKS in this Unit: 7.6A 7.6C 7.7A 7.7C 7.8A 7.8C 7.9A 7.10A 7.11A 7.12A 7.13A 7.13C 7.14A 7.14B - Target Completion Date: May 24, 2027

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TEKS in red = Readiness Standard | TEKS in green = Supporting Standard

Last Updated: 08/14/2026

Science and Engineering Practices (SEPs) — TEKS 7.1 | 7.2 | 7.3 | 7.4

7.1A Ask questions and define problems based on observations or information from text, phenomena, models, or investigations.

7.1B Plan and conduct descriptive, comparative, and experimental investigations; use engineering practices to design solutions to problems.

7.1C Use appropriate safety equipment and practices during laboratory, classroom, and field investigations.

7.1D Collect and record data using the International System of Units (SI) and qualitative means such as labeled drawings and graphic organizers.

7.1E Construct appropriate tables, graphs, maps, and charts using repeated trials and means to organize data.

7.1F Construct and justify explanations using evidence and reasoning; communicate valid conclusions supported by data.

7.2B Analyze data by identifying any significant descriptive statistical features, patterns, sources of error, or limitations.

7.2C Use mathematical calculations to assess quantitative relationships in data.

7.2D Evaluate experimental and engineering designs.

7.3A Develop explanations and propose solutions supported by data and models consistent with scientific evidence.

7.3B Communicate explanations and solutions individually and collaboratively in a variety of settings and formats.

7.3C Engage respectfully in scientific argumentation using applied scientific explanations and empirical evidence.

7.1G Develop and use models to represent phenomena, systems, processes, or solutions to engineering problems.

7.1H Distinguish among scientific hypotheses, theories, and laws.

7.2A Identify advantages and limitations of models such as their size, scale, properties, and materials.

7.4A Analyze, evaluate, and critique scientific explanations and solutions by using empirical evidence, logical reasoning, and experimental and observational testing.

7.4B Relate the impact of past and current research on scientific thought and society, including contributions of diverse scientists.

7.4C Research and explore STEM resources such as museums, libraries, professional organizations, private companies, online platforms, and mentors.

Recurring Themes and Concepts (RTCs) — TEKS 7.5 | SAVVAS Experience Science

7.5A Patterns — Identify and apply patterns to understand and connect scientific phenomena or to design solutions.

7.5B Cause and Effect — Examine phenomena to investigate cause-and-effect relationships and use these to predict phenomena.

7.5C Scale, Proportion, and Quantity — Use scale, proportion, and quantity to describe and explain phenomena and solve problems.

7.5D Systems and System Models — Analyze a system in terms of its components and how they relate to each other, the whole, and the external environment.

7.5E Energy and Matter: Flows, Cycles, and Conservation — Analyze and explain how energy flows and matter cycles through systems and how they are conserved.

7.5F Structure and Function — Analyze and explain the complementary relationship between the structure and function of objects, organisms, and systems.

7.5G Stability and Change — Analyze and explain how factors or conditions impact stability and change in objects, organisms, and systems.