



6th Grade Science - Year at a Glance - 2026/2027

1st Nine Weeks 9wk Start Date: 8/11/26 - 9wk End Date: 10/9/26	3rd Nine Weeks 9wk Start Date: 1/6/27 - 9wk End Date: 3/4/27
<u>Unit 0:</u> Laboratory Safety and Experimental Design (5 days) - TEKS in this Unit: 6.1A 6.1B 6.1C 6.1D 6.1E 6.1F 6.1G 6.1H 6.2A 6.2B 6.2C 6.2D 6.3B 6.4A 6.4B 6.4C - Target Completion Date: Aug. 19, 2026 <u>Unit 01:</u> Investigating Physical Properties of Matter (16 days) - TEKS in this Unit: 6.1G 6.2D 6.5A 6.5B 6.6A 6.6B 6.6D - Target Completion Date: Sep. 15, 2026 <u>Unit 02:</u> Investigating Elements and Chemical Change (16 days) - TEKS in this Unit: 6.1C 6.1F 6.2B 6.4C 6.5A 6.6C 6.6E - Target Completion Date: Oct. 7, 2026 <u>Unit 03 (Begin):</u> Investigating Forces and Motion (8 days) - TEKS in this Unit: 6.1E 6.1G 6.2C 6.5D 6.5G 6.7A 6.7B 6.7C - Target Completion Date: Oct. 31, 2026	<u>Unit 06:</u> Investigating Earth's Layers (18 days) - TEKS in this Unit: 6.1F 6.1G 6.3A 6.5B 6.5D 6.10A 6.10B 6.10C - Target Completion Date: Jan. 30, 2027 <u>Unit 07:</u> Investigating Resource Management (15 days) - TEKS in this Unit: 6.4A 6.4B 6.5B 6.11A 6.11B - Target Completion Date: Mar. 1, 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
<u>Unit 03 (Finish):</u> Investigating Forces and Motion — Continued (8 days) - TEKS in this Unit: 6.1E 6.1G 6.2C 6.5D 6.5G 6.7A 6.7B 6.7C - Target Completion Date: Nov. 7, 2026 <u>Unit 04:</u> Investigating Energy (15 days) - TEKS in this Unit: 6.1B 6.3B 6.5E 6.8A 6.8B 6.8C - Target Completion Date: Nov. 25, 2026 <u>Unit 05:</u> Investigating the Solar System (13 days) - TEKS in this Unit: 6.1G 6.2B 6.5C 6.5G 6.9A 6.9B - Target Completion Date: Dec. 17, 2026	<u>Unit 08:</u> Investigating Ecosystems (21 days) - TEKS in this Unit: 6.1B 6.2A 6.5E 6.12A 6.12B 6.13C - Target Completion Date: Apr. 9, 2027 <u>Unit 09:</u> Investigating Organisms (20 days) - TEKS in this Unit: 6.1A 6.3C 6.4A 6.5F 6.12C 6.13A 6.13B - Target Completion Date: May 7, 2027 <u>Unit 10:</u> Review — TEKS Eligible to be Assessed (11 days) - TEKS in this Unit: 6.6C 6.6D 6.6E 6.7A 6.7B 6.8B 6.8C 6.9A 6.9B 6.10B 6.12A 6.13A - Target Completion Date: May 21, 2027

Science and Engineering Practices (SEPs) – TEKS 6.1 | 6.2 | 6.3 | 6.4

- 6.1A** Ask questions and define problems based on observations or information from text, phenomena, models, or investigations.
- 6.1C** Use appropriate safety equipment and practices during laboratory, classroom, and field investigations.
- 6.1E** Construct appropriate tables, graphs, maps, and charts using repeated trials and means to organize data.
- 6.1G** Develop and use models to represent phenomena, systems, processes, or solutions to engineering problems.
- 6.2A** Identify advantages and limitations of models such as their size, scale, properties, and materials.
- 6.2C** Use mathematical calculations to assess quantitative relationships in data.
- 6.3A** Develop explanations and propose solutions supported by data and models consistent with scientific evidence.
- 6.3C** Engage respectfully in scientific argumentation using applied scientific explanations and empirical evidence.
- 6.4B** Relate the impact of past and current research on scientific thought and society, including contributions of diverse scientist
- 6.1B** Plan and conduct descriptive, comparative, and experimental investigations; use engineering practices to design solutions to problems.
- 6.1D** Collect and record data using the International System of Units (SI) and qualitative means such as labeled drawings and graphic organizers.
- 6.1F** Construct and justify explanations using evidence and reasoning; communicate valid conclusions supported by data.
- 6.1H** Distinguish among scientific hypotheses, theories, and laws.
- 6.2B** Analyze data by identifying any significant descriptive statistical features, patterns, sources of error, or limitations.
- 6.2D** Evaluate experimental and engineering designs.
- 6.3B** Communicate explanations and solutions individually and collaboratively in a variety of settings and formats.
- 6.4A** Analyze, evaluate, and critique scientific explanations and solutions by using empirical evidence, logical reasoning, and experimental and observational testing.
- 6.4C** Research and explore STEM resources such as museums, libraries, professional organizations, private companies, online platforms, and mentors.

Recurring Themes and Concepts (RTCs) – TEKS 6.5 | SAVVAS Experience Science

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| 6.5A Patterns – Identify and apply patterns to understand and connect scientific phenomena or to design solutions. | 6.5B Cause and Effect – Examine phenomena to investigate cause-and-effect relationships and use these to predict phenomena. | 6.5C Scale, Proportion, and Quantity – Use scale, proportion, and quantity to describe and explain phenomena and solve problems. | 6.5D 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. | 6.5E Energy and Matter: Flows, Cycles, and Conservation – Analyze and explain how energy flows and matter cycles through systems and how they are conserved. | 6.5F Structure and Function – Analyze and explain the complementary relationship between the structure and function of objects, organisms, and systems. | 6.5G Stability and Change – Analyze and explain how factors or conditions impact stability and change in objects, organisms, and systems. |
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