

New Caney ISD 2024-25 Annual Sequence Biology

1st Nine Weeks (August 7, 2024 - October 4, 2024)

- Bundle 1: Cell Structure & Biomolecules
 - Unit 1: Chemistry of Life: Biomolecules (5 Days) TEKS: B.5A
 - Unit 2: Energy of Life: Role of Enzymes (5 Days) TEKS: B.11B
 - Unit 3: Cell Structure & Function: Cells (5 Days) TEKS: B.5B
 - Unit 4: Cell Structure & Function: Viruses (4 Days) TEKS: B.5D
 - Unit 5: Cellular Processes & Transport (8 Days) TEKS: B.5C
 - Unit 6: Photosynthesis and Cellular Respiration (4 Days) TEKS: B.11A
 - Bundle 1 Test: September 26-30, 2024
- Bundle 2: DNA and the Cell Cycle
 - Unit 1: DNA Structure (4 Days) TEKS: B.7A

2nd Nine Weeks (October 14, 2024- December 20, 2024)

- Bundle 2 (Continued)
 - Unit 2: Gene Function: Protein Synthesis (7 Days) TEKS: B.7B
 - Unit 3: Cell Cycle, Replication, Mitosis, & Cell Differentiation (16 Days) TEKS: B.6ABC; B.7A
 - Unit 4: Genetic Technology: Intro to DNA Technology, Splicing & Restriction Enzymes (5 Days) TEKS: B.7D
 - Unit 5: Sexual Reproduction: Meiosis (6 Days) TEKS: B.8A
 - Bundle 2 Test: December 10-13, 2024

3rd Nine Weeks (January 7, 2025 - March 6, 2025)

- Bundle 3: Genetics
 - Unit 1: Genetic & Mutations (11 Days) TEKS: B.8B, *****B.7C**
 - Unit 2: The Theory of Evolution (9 Days) TEKS: B.9AB; B.10ABCD
 - Bundle 3 Test: February 5-7, 2025
 - Unit 3: Taxonomy (3 Days) TEKS: **B.8ABC (2017 TEKS)**
 - Unit Test February 20-21, 2025
- Bundle 4
 - Unit 1: Interactions in Environmental Systems (9 Days) TEKS: B.13ABCD

4th Nine Weeks (March 10, 2025 - May 22, 2025) *****

- Bundle 4 (continued)
 - Unit 2: Plant Systems & Comparative Anatomy (10 Days) TEKS: B.12AB
 - **Mock STAAR:** March 21-28, 2025
- STAAR Review: March 31 - April 17, 2025
 - STAAR Test: *****
- Engineering & Design Processes