

2021-2022 Grade 8 Science Year-At-A-Glance

Unit Title	Student Expectations Suggested Instructional Days
1st Nine Weeks: August 23 – October 15	
Unit 1:7th Ecology Review/8th Ecology Intro	7.10 C, 7.11 A, 7.5 B, 7.5 C, Old 8.11 A
Unit 2:Ecology Part 2: 8th Ecology	8.11 A, 8.11 B, 8.11 C
Unit 3:Chemistry Part 1: Atomic Structure, Periodic Table	8.5 A, 8.5 B, 8.5 C
2nd Nine Weeks: October 18 – December 17 Assessment - CBA Testing Window: November 15-19	
Unit 4:Chemistry Part 2: Formulas, Reactions, Equations	8.5 D, 8.5 E
Unit 5:Physics: Forces, Speed, Velocity, Acceleration	8.6 A, 8.6 B, 8.6 C
Unit 6:Newton's Laws	8.6 C
3rd Nine Weeks: January 4 – March	
Unit 7:Space: EMS, Stars	8.8 C, 8.8 A, 8.8 B
Unit 8:Cycles: ROD/REY, Lunar Phases, Tides	8.7 A, 8.7 B, 8.7 C
Unit 9: Geology: Plate Tectonics, Topo maps	, 6.10 B 6.10 D, 8.9 A, 8.9 B, 8.9 C
Unit 10: Sun and Weather	8.10 A, 8.10 C
4th Nine Weeks: March 21 – May 26 Assessment - Interim Window-April 4-14 Grade 8 Science Staar May 5	
Unit 10 Con't: Weather Maps	8.10 B
Unit 11: Flashback reviews; Campus determined	Campus selection
Unit 12:STAAR Review: Campus determined	Campus selection
Unit 13:Bridge to Biology Course	B9A, 9B

Process standards should be embedded into instruction on a daily basis

[Click here to access state standards for Grade 8 Science.](#)

Any additional notes:

2021-2022 Stem 8 Science Year-At-A-Glance

Unit Title	Student Expectations
1st Nine Weeks: August 23 – October 15 Assessment-	
Unit 1: Biomolecules and Enzymes	9A, 9C
Unit 2: Cells, Processes, Homeostasis, and Transport	4A, 4B
Unit 3: Viruses	4C
Unit 4: DNA Replication, Protein Synthesis, and Mutations	6 A B C D E, 5B
2nd Nine Weeks: October 18 – December 17 Assessment - CBA Testing Window: November 15- November 19	
Unit 4: DNA Replication, Protein Synthesis, and Mutations,cont.	6 A B C D E, 5B
Unit 5: Mitosis/Cancer	5A 5C
Unit 6: Meiosis/Genetics	6G, 6F
3rd Nine Weeks: January 4 – March 11 Assessment -	
Unit 7: Natural Selection	11 B,11A
Unit 8:Evolution	7A,B C D E F
Unit 9:Taxonomy/ Classification and Levels of Organization	8A B C, 10 C 10A
4th Nine Weeks: March 21 – May 26 Assessment - Interim Testing Window:-April 4-April 14 STAAR Bology Testing Window:-May 4 - May 6	
Unit 10: Ecosystems	12 A B C D E
Unit 11: Plant Process	10 B, 9B
Flex days: Teacher Choice	Teacher Choice
Review	Teacher Choice

Process standards should be embedded into instruction on a daily basis

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Any additional notes: