

2022-2023 Science 7 Year-At-A-Glance

Unit Title	Student Expectations
Unit 1: Safety, Cells, & Organization	6.12D, <u>7.12F</u> , <u>7.12D</u> , <u>7.12C</u>
Unit 2: Heredity, Reproduction & Genetics	<u>7.14A</u> , <u>7.14B</u> , <u>7.14C</u>
Unit 3: Human Body Systems (reproductive, endocrine, nervous)	<u>7.12B</u>
2nd Nine Weeks: October 17 – December 16 Assessment - CBA Testing Window: Dec. 5- Dec. 9	
Unit 3 con't: Human Body Systems (nerv., endo., homeo. integ./skeletal, muscular, circulatory, resp., digestive/CPR)	<u>7.12B</u> , 7.13B, 7.13A,
Unit 4: Changes in Matter chem/phy changes, energy transformations	<u>7.6A</u> , <u>7.12B</u> , <u>7.7A</u>
Unit 5: Human Body Systems & Analogies Excretory, analogies, Frog dissection	<u>7.12B</u> , <u>7.12E</u>
3rd Nine Weeks: January 4 – March 10	
Unit 6: Forces , photosynthesis, & Flow of energy, Biodiversity	7.7B, <u>7.13A</u> , 7.13B, <u>7.5A</u> , <u>7.5B</u> , <u>7.10B</u>
Unit 7: Biomes , catastrophic events, succession	7.10A, 7.8A, <u>7.10C</u>
Unit 8: Adaptations Natural selection, selective breeding	<u>7.11B</u> , 7.11C
4th Nine Weeks: March 20 – May 25 Assessment – CBA Window : May 2- May 5	
Unit 9: Dichotomous Keys Internal structures	<u>7.12A</u> , 7.11A
Unit 10: Weathering, Erosion, Deposition & groundwater	7.8 A, <u>7.8 B</u> , <u>7.8C</u>
Unit 11: Space	7.9A, 7.9B
Bridge to 8th grade	

Supporting (TEA) Standards Essential Standards

Process standards should be embedded into instruction on a daily basis (7.1A, 7.1B, 7.2A, 7.2B, 7.2C, 7.2D, 7.2E, 7.3A, 7.3B, 7.3C, 7.3D, 7.4A, 7.4B)

[Click here to access State Standards for Grade 7 Science](#)

Any additional notes:

2022-2023 G7 STEAM Science Year-At-A-Glance

Unit Title	Student Expectations	Suggested Instructional Days
1st Nine Weeks: August 18 – October 14 Assessment <u>Organisms & Environments</u>		
Unit 1: Safety, Cells, & Organization	6.12D, <u>7.12F</u> , <u>7.12D</u> , <u>7.12C</u>	20
Unit 2: Heredity, Reproduction & Genetics	7.14A, <u>7.14B</u> , <u>7.14C</u>	14
Unit 3: Human Body Systems Reproductive, Endocrine & Nervous	<u>7.12B</u>	6
STEAM Interdisciplinary Unit: <u>Stayin Alive</u>	Unit will incorporate the above TEKs	40 days Embedded in the Above Instructional Time
2nd Nine Weeks: October 17 – December 16 Assessment - CBA Testing Window: November 14 – November 18 <u>Organisms & Environments</u> <u>Matter & Energy</u>		
Unit 3 Continued: Human Body Systems Nerv., Endo., Homeo. Integ./Skeletal, Muscular, Circulatory Resp., Digestive/CPR	<u>7.12B</u> , 7.13B, 7.13A,	20
Unit 4: Changes in Matter Chemical Physical Changes, Energy transformations	<u>7.6A</u> , <u>7.12B</u> , <u>7.7A</u>	6
Unit 5: Human Body Systems & Analogies Excretory, Analogies, Frog dissection	<u>7.12B</u> , 7.12E	9
3rd Nine Weeks: January 4 – March 10 Assessment <u>Organisms & Environments</u> <u>Force Motion & Energy Relationships</u>		
Unit 6: Forces Photosynthesis & Flow of Energy, Biodiversity	7.7B, <u>7.13A</u> , 7.13B, <u>7.5A</u> , <u>7.5B</u> , <u>7.10B</u>	25
Unit 7: Biomes Catastrophic Events, Succession	7.10A, 7.8A, 7.10C	12
Unit 8: Adaptations Natural Selection, Selective Breeding	7.11B, 7.11C	8
STEAM Interdisciplinary Unit: <u>Storm of 1900</u>	Unit will incorporate the above TEKs	45 days Embedded in the Above Instructional Time

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4th Nine Weeks: March 20 – May 25

Assessment – CBA Window: May 4-5

[Organisms & Environments](#)

[Earth & Space](#)

Unit 9: Dichotomous Keys Internal structures	7.12A, 7.11A	11
Unit 10: Weathering, Erosion, Deposition & Groundwater	7.8 A, 7.8 B, 7.8C	12
Unit 11: Space	7.9A, 7.9B	6
Bridge to 8th grade	IPC TEKS	10

Supporting (TEA) Standards [Essential Standards](#)

Process standards should be embedded into instruction on a daily basis (7.1A, 7.1B, 7.2A, 7.2B, 7.2C, 7.2D, 7.2E, 7.3A, 7.3B, 7.3C, 7.3D, 7.4A, 7.4B)

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