

CFISD Biology Scope and Sequence (2026–2027)

Course Description

Students in Biology focus on patterns, processes, and relationships of living organisms through four main concepts: biological structures, functions, and processes; mechanisms of genetics; biological evolution; and interdependence within environmental systems.

Texas Essential Knowledge and Skills: [Biology](#)

First Semester (80 Days)

1st Grading Period (Aug. 12 – Oct. 8, 2026)

Unit	Title	Date Range	Days**
Unit 1	Biomolecules and Cells	Aug. 12 – Sep. 2, 2026	16
Unit 2	Energy in Cells	Sep. 3 – 15, 2026	8
Unit 3	Cell Growth and Differentiation	Sep. 16 – 29, 2026	10
Unit 4	Inheritance and Variation of Traits	Sep. 30 – Oct. 8, 2026	7

2nd Grading Period (Oct. 19 – Dec. 18, 2026)

Unit	Title	Date Range	Days**
Unit 4	Inheritance and Variation of Traits	Oct. 19 – 23, 2026	5
Unit 5	DNA & RNA and Gene Expression	Oct. 26 – Nov. 13, 2026	14
Unit 6	Mechanisms of Evolution	Nov. 16 – Dec. 11, 2026	15
	Review and Final Exams	Dec. 14 – 18, 2026	5

Second Semester (93 Days)

3rd Grading Period (Jan. 5 – Mar. 11, 2027)

Unit	Title	Date Range	Days**
Unit 7	Evidence of Evolution	Jan. 5 – 26, 2027	15
Unit 8	Plant Systems	Jan. 27 – Feb. 8, 2027	9
Unit 9	Animal Systems	Feb. 9 – 24, 2027	11
Unit 10	The Biosphere	Feb. 25 – Mar 11, 2027	11

4th Grading Period (Mar. 16 – May 28, 2026)

Unit	Title	Date Range	Days**
Unit 10	The Biosphere	Mar. 22 – 23, 2027	2
Unit 11	Human Impact on the Biosphere	Mar. 24 – Apr. 5, 2027	8
	STAAR EOC Prep	Apr. 6 – 13, 2027	6

	STAAR EOC Exam	Apr. 14, 2027	1
Unit 1	Using Evidence for Scientific Argumentation including HSI instruction	Apr. 15 – May 20, 2027	23
	Review and Final Exams	May 21 – 27, 2027	5

**The length of each unit is a specific number of days, but it is understood that there is a range of +/- a day. The purpose of the flexibility is meant to allow teachers the opportunity to plan for the needs of their students and to accommodate re-teaching or review when necessary. If pre-assessment indicates student mastery could be obtained in a fewer number of days, the additional time could be used for extension or carried into the next unit.

Instructional Material(s):

Experience Biology - Texas Edition

Miller and Levine

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