

CFISD Environmental Systems Course Scope and Sequence (2026–2027)

Course Description

In Environmental Systems, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, natural changes in the environment, and human activities that impact the natural environment.

Texas Essential Knowledge and Skills: [Environmental Systems](#)

First Semester (80 Days)

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

Unit	Title	Date Range	Days**
Unit 1	Ecology & Ecosystems	Aug. 12 – Aug. 26, 2026	11
Unit 2	Biodiversity A	Aug. 27 – Sept. 22, 2026	18
Unit 3	Biodiversity B	Sep. 23 – Oct. 8, 2026	12

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

Unit	Title	Date Range	Days**
Unit 4	Sustaining Biodiversity	Oct. 15 – Nov. 21, 2025	12
Unit 5	Environmental Quality Review & Final Exams	Dec. 1 – 18, 2025	27

Second Semester (92 Days)

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

Unit	Title	Date Range	Days**
Unit 6	Environmental Concerns	Jan. 5 – 22, 2027	13
Unit 7	Environmental Quality	Jan. 25 – Feb. 11, 2027	14
Unit 8	Environmental Quality	Feb. 12 – Mar. 11, 2027	19

4th Grading Period (Mar. 22 – May 27, 2027)

Unit	Title	Date Range	Days**
Unit 9	Environmental Concerns A	Mar. 22 – Apr. 23, 2027	24
Unit 10	Environmental Concerns B	Apr. 27, 2027 – May 27, 2027	23

Instructional Material(s):

National Geographic Environmental Science: Sustaining Your World, Texas Edition, 1st Edition ©2024

Authors: Miller, Spoolman

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