

CFISD Advanced Placement Environmental Science

Scope and Sequence 2024-2025

Course Description:

AP Environmental Science will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Students who take the course will be prepared for the AP Environmental Science exam.

College Board Advanced Placement Standards: [APES](#)

Instructional Units	Days**	Start Dates	End Dates
First Semester	81	8/19/2024	12/20/2024
1st Grading Period (8/19/24 - 10/18/24)			
Unit 1: Science, The Environment, and Sustainability	18	8/19/2024	9/12/2024
Unit 2: The Living World: Ecosystems	14	9/13/2024	10/2/2024
Unit 3: Biomes, Weather, Climate	11	10/3/2024	10/18/2024
2nd Grading Period (10/21/24 - 12/20/24)			
Unit 4: Community Ecology and Biodiversity	13	10/21/2024	11/8/2024
Unit 5: Human Populations	10	11/11/2024	11/22/2024
Unit 6: Biodiversity Management	10	12/2/2024	12/13/2024
Review & Final Exams	5	12/16/2024	12/20/2024
Second Semester	92	1/7/2025	5/29/2025
3rd Grading Period (1/7/25 - 3/7/25)			
Unit 7: Geology, Mineral Resources	11	1/7/2025	1/22/2025
Unit 8: Soil, Agriculture, Pest Management	12	1/23/2025	2/7/2025
Unit 9: Energy	8	2/10/2025	2/21/2025
Unit 10: Air and Climate	10	2/24/2025	3/7/2025
4th Grading Period (3/17/25 - 5/29/25)			
Unit 11: Water Pollution, Disease, Toxicology	15	3/17/2025	4/4/2025
Unit 12: Waste Management	11	4/7/2025	4/23/2025
Unit 13: AP Exam Review and Test	14	4/24/2025	5/13/2025
Unit 14: Extension Unit, Expanding on concepts, additional labs, projects and/or presentations	6	5/14/2025	5/21/2025
Review & Final Exams	5	5/22/2025	5/29/2025

** The length of each unit is a specific number of days, but it is understood that there is a range of +/- two days. 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 Materials:

Exploring Environmental Science for AP, 1st Edition

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