



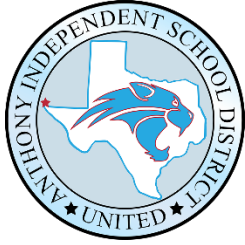
Anthony High School

Science Courses Syllabi

Teacher: Julia Sandoval

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Anthony High School

Teacher: Julia Sandoval

Subject: Biology Syllabus

First Semester

1st Nine Weeks

Unit 1. Cellular Structure (12 days)

TEKS: B.5A, B.5D, B.5B

Unit 2. Cellular Processes (14 days)

TEKS: B.5C, B.11A, B.11B

Unit 3. DNA Structure and Cell Cycle (10 days)

TEKS: B.6A, B.7A, B.6C

2nd Nine Weeks

Unit 4. The Role of Nucleic Acids and Protein Synthesis (10 days)

TEKS: B.7A, B.7B

Unit 5. Gene Expression (14 days)

TEKS: B.7C, B.6B, B.7B

Unit 6. Genetics (12 days)

TEKS: B.8A, B.8B

Second Semester

3rd Nine Weeks

Unit 7: Evidence of Evolution (10 days)

TEKS: B.7A, B.9A, B.9B

Unit 8: Mechanisms of Evolution (13 days)

TEKS: B.10C, B.10A, B.10B, B.10D

Unit 9: (17 days)

TEKS: B.5D, B.12A, B.12B

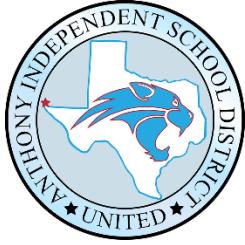
4th Nine Weeks

Unit 10. (16 days)

TEKS: B.13A, B.13B, B.13D, B.13C

Unit 11. (15 days)

TEKS: B.5D, B.13D, B.6B



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Subject: Environmental Systems Syllabus

First Semester

1st Nine Weeks

Unit 1. Relationships between Biotic and Abiotic Factors (15 days)

TEKS: ES.5A, ES.5B, ES.5C, ES.5D

Unit 2. Alterations in an Ecosystem (12 days)

TEKS: ES.5E, ES.5F, ES.5G

Unit 3. Interrelationships Among Resources (18 days)

TEKS: ES.2D, ES.6A, ES.6B, ES.6C, ES.6D, ES.6E

2nd Nine Weeks

Unit 3. Interrelationships Among Resources (Continued) (18 days)

TEKS: ES.2D, ES.6A, ES.6B, ES.6C, ES.6D, ES.6E

Unit 4. Sources and Flow of Energy (12 days)

TEKS: ES.7A, ES.7B, ES.7C, ES.7D

Unit 5. Environments Change Naturally (15 days)

TEKS: ES.9A, ES.9B, ES.9C, ES.9D, ES.9E

Second Semester

3rd Nine Weeks

Unit 6. Population Dynamics (13 days)

TEKS: ES.8A, ES.8B, ES.8C, ES.8D

Unit 7: Human Impact through Emissions and Pollutants (15 days)

TEKS: ES.10A, ES.10B, ES.10C, ES.10D, ES.10E

Unit 8: Actions Impact Environmental Systems (18 days)

TEKS: ES.6F, ES.11A, ES.

4th Nine Weeks

Unit 8. Actions Impact Environmental Systems (Continued) (18 days)

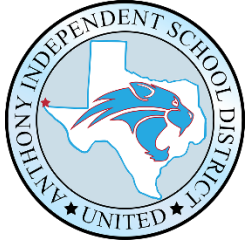
TEKS: ES.6F, ES.11A, ES.

Unit 9. Ethics and Economic Priorities (12 days)

TEKS: ES.12A, ES.12B, ES.12C, ES.12D, ES.12E

Unit 10. Legislation Mediates Human Impact (14 days)

TEKS: ES.12D, ES.13A, ES.13B



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Subject: Dual Credit Biology Syllabus

First Semester

1st Nine Weeks

Unit 0. Foundational Introductory Concepts (10 days)

Unit 1. Basic Chemistry and Water (15 days)

Unit 2. Biomolecules (15 days)

2nd Nine Weeks

Unit 3. Biological Membranes and Cell Structure (15 days)

Unit 4. Introduction to Enzymes (15 days)

Second Semester

3rd Nine Weeks

Unit 5: Flow of Energy (20 days)

Unit 6: Protein Synthesis (15 days)

4th Nine Weeks

Unit 7. Cell Cycle (15 days)

Unit 8. Basic Genetics (15 days)