**CFISD Anatomy and Physiology**

**Scope & Sequence**

**Course Description:**

In Anatomy and Physiology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. Students, for at least 40% of instructional time, conduct descriptive, comparative, and experimental investigations using safe, environmentally appropriate and ethical practices.

**Texas Essential Knowledge and Skills:**

<http://ritter.tea.state.tx.us/rules/tac/chapter130/ch130h.pdf>

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| **Instructional Units** |
| **1st Semester** |
| Unit 1: Introduction to A&P (INTRO) |
| Unit 2: Integumentary System (INTEG) |
| Unit 3: Nervous System (NERVE) |
| Unit 4: Endocrine System (ENDO) |
| Unit 5: Lymphatic and Immune Systems (LYMPH) |
| Unit 6: Skeletal System (SKEL)\* |
| **2nd Semester** |
| Unit 7: Muscular System (MUSC) |
| Unit 8: Circulatory System: Blood & Vessels (BLOOD) |
| Unit 9: Circulatory System: Heart (HEART) |
| Unit 10: Respiratory System (RESP) |
| Unit 11: Digestive System (DIG) |
| Unit 12: Urinary System and Fluid Balance (URIN) |
| Unit 13: Reproduction, Embryology, and Development (REPRO)\* |

**Instructional Material:**

**Essentials of Anatomy & Physiology 6th edition**

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