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|  Anatomy & Physiology | **Standards-Based EducationPriority Standards** |
| **12th Grade** |
| *Reading in Science* |
| PS1 | Understand and utilize medical terminology |
| PS2 | 11-12.RST.1 Cite specific textual evidence to support analysis of science and technical texts, attending to important distinctions the author makes and to any gaps or inconsistencies in the account. |
| PS3 | 11-12.RST.2 Determine the central ideas or conclusions of a text; summarize complex concepts, processes, or information presented in a text by paraphrasing them in simpler but still accurate terms. |
| PS4 | 11-12.RST.4 Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11-12 texts and topics. |
| *Writing in Science* |
| PS5 | 11-12.WHST.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. |
| PS6 | 11-12.WHST.9 Draw evidence from informational texts to support analysis, reflection, and research. |
| PS7 | Systems thinking can be especially useful in analyzing complex situations. To be useful, a system needs to be specified as clearly as possible. |
| *Organization of the Human Body* |
| PS8 | Understand anatomical terminology, levels of organization of human body systems, and homeostatic mechanisms. |
| PS9 | Understand the characteristics and functions of the four major tissues. |
| PS10 | Understand the structural organization, components, and functions of the human organ systems. |
| *Regulation of the Body* |
| PS11 | Understand how the nervous system coordinates and integrates the functions of the other body systems. |
| PS12 | Understand the structure and function of the endocrine system. |
| PS13 | Understand the structure and function of the reproductive system. |
| PS14 | Understand the structure and function of the immune system. |
| PS15 | Understand the structure and function of the sense organs. |
| *Support and Protection* |
| PS16 | Understand the structure and function of the skeletal system. |
| PS17 | Understand the structure and function of the muscular system. |
| PS18 | Understand the structure and function of the integumentary system. |
| *Movement of Substances* |
| PS19 | Understand the structure and function of the respiratory system. |
| PS20 | Understand the structure and function of the cardiovascular system. |
| PS21 | Understand the structure and function of the lymphatic system. |
| PS22 | Understand the structure and function of the digestive system. |
| PS23 | Understand the structure and function of the urinary system. |