



Anatomy Curriculum

Reading and Writing Standards

Marking Period	Reading Assessment	Writing Assessment
1	Intro to anatomy test: Determine area of the body based on anatomical direction terms and descriptions.	Pig Dissection Analysis Questions
2	Muscular System Quiz: Determination of muscles used based on descriptions of various movements.	Exercise Lab Analysis Questions
3	Nervous System disorder presentation: Research for slides	Nervous System disorder presentation: Summarization of research
4	Cardiovascular System Test: blood transfusion case study.	Creation of Children's books based on the Digestive system and how it works

[Scoring Guide For Written Work](#)



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Content Topics and Pacing

Topic	Duration	Guiding Questions	Reading/Writing Assignments
Intro to Anatomy	~4 weeks	How are different areas of the body identified?	Reading: Homeostasis Lab Writing: Review Questions (from book)
Integumentary System	~3 weeks	What are the functions of the skin? What structures of the skin are impacted due to varying degrees of burns?	Reading: Rule of Nines Wound Lab Writing: Integumentary System Practice Slides
Pig Dissection	~2 weeks	How are structures connected together inside the body? Where are structures located within the body?	Reading: Banana Autopsy Lab Writing: Fetal Pig Dissection Lab Analysis
Skeletal System	~4 weeks	What are the locations of different bones? What are the differences in the skeletons between different sexes, races, and ages?	Reading: Boney lab Writing: Crime Scene Analysis
Muscular System	~4 weeks	How does the structure of a	Reading: Fatigue Lab



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		muscle help me move? What are the locations of different muscles? What does exercise do for my muscles?	Writing: Muscle Video Questions
Nervous System and Senses	~4 weeks	How do the different sections of the nervous system work together to send messages? What do the different sections of the brain control?	Reading: Neurotransmitters and their actions worksheet Writing: Cranial Nerve examination lab
Endocrine System	~3 weeks	How do hormones impact my internal and external structures of the body?	Reading: Background Slides of Circus Performers Writing: CER of Circus Performer Diagnosis
Cardiovascular System	~4 weeks	How do antigens and antibodies impact blood transfusions? How does the heart pump blood to my body?	Reading: Blood Typing Research Game Writing: Heart Model Key of Blood flow
Lymphatic System	~2 weeks	How do different forms of immunity impact my health? How do different cells attack	Reading: Battle of Infectious Diseases Writing: Virtual Immunology Lab



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		perceived threats in the body?	
Respiratory System	~2 weeks	How is gas exchanged and transferred to the blood? What mechanisms regulate respiration?	Reading: Mount Everest Close Read Writing: Respiratory Case Study
Digestive System	~3 weeks	What is the difference between chemical and mechanical digestion? What are the structures and functions of organs in the alimentary canal?	Reading: Digestion Research Worksheet Writing: Rough Drafts of Children's books
Optional Extra: Urinary System		How does the control filtration to support homeostasis?	
Optional Extra: Reproductive System and Growth/Development		How do different hormones impact the development of various structures in the different sexes? How does a fetus grow and develop within the womb?	
Optional Extra: Histology		How do cells reproduce and move substances through their membrane?	



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