Below is a combination of three documents. The first is the NGSS formed curriculum map. The second is a checklist outlining how many days each unit will take to complete. Lastly, the third document is a QUIVERS note. It documents how each assignment relates to the main concept and why we use them in class.

Anatomy/Physiology Curriculum Map

Body Organization Unit – Anatomy/Physiology

Standard: HS-LS1 From Molecules to Organisms: Structures and Processes	***Performance Expecation:*** HS-LS1-2 Develop and use a model to illustrate the hierarchal organization of interacting systems that provide specific functions within multicellular organisms. HS-LS1-3 Plan and conduct an investigation to provide evidence that feedback mechanisms maintain homeostasis.
Essential Question: How is the human body organized?	***Science and Engineering Practices:*** Developing and Using Models based on evidence of systems Scientific Investigations use a variety of methods
Disciplinary Core Idea: Structure and Function	***Crosscutting Concepts***: Stability and Change Structure and Function
Resources: See Quivers for Outline See Checklist for Timeline	***Assessments:*** Homeostasis Lab 2000mRowing Case Study Terminology Quiz Chapter Test
Vocabulary: Atoms Molecules Cell Tissue Organs Organ systems Metabolism Responsiveness Homeostasis Negative feedback Positive feedback Cranial	Abdominal Pelvic Parietal pleurae Membranes Skeletal Anatomical position Superior Inferior Anterior Posterior Medial Lateral Bilateral

Dorsal Ventral Vertebral Transverse Homeostatic Mechanism	Proximal Distal Superficial Deep Saggital

Science Curriculum Map

Cell Chemistry Unit – Anatomy/Physiology

Standard: HS -LS1 From Molecules to Organisms: Structures and Processes	***Performance Expecation:*** LS1-1 Construct an explanation based on evidence for how the structure of DNA determines the structure of proteins LS1-4 Use a model to illustrate the role of cellular division and differentiation. LS1-7 Illustrate that cell respiration is a chemical process whereby bonds are broken and formed to create energy
Essential Question: How do cells maintain balance within the human body?	***Science and Engineering Practices:*** Developing and Using Models Planning and Carrying out investigations Constructing Explanations and Designing Solutions Scientific Investigations Use a Variety of Methods
Disciplinary Core Idea: Structure and Function Growth and Development of Organisms Organization for Matter and Energy Flow In Organisms	***Crosscutting Concepts***: Systems and Systems Models Structure and Function
Resources: See Quivers for Outline See Checklist for Timeline	***Assessments:*** Translation Modeling Group Presentation Chapter 2 Worksheets Chapter Test
Vocabulary: Elements Atoms Nucleus Protons Electrons Isotopes	Nucleic Acids Cell membrane Organelles Selectively permeable Cytoplasm Ribosomes Cytoskeleton

Inert	Mitochondria
Covalent bond	Lysosomes
Polarity	Cilia
Ionic bond	Flagella
Hydrogen bond	Diffusion
Synthesis reaction	Osmosis
Decomposition reaction	Mitosis
Exchange reaction	Meiosis
Acids	Protein synthesis
Bases	RNA
pH	Polymerase
Carbohydrates	Endocytosis
Lipids	Exocytosis
Proteins	Active Transport
	Cell Cycle

Science Curriculum Map

Histology Unit – Anatomy/Physiology

Standard: HS -LS1 From Molecules to Organisms: Structures and Processes	***Performance Expecation:*** LS 1-2 Develop and use a model to illustrate the hierarchal organization of interacting systems
Essential Question: How does the specificity of a tissue affect the overall organ function in the human body?	***Science and Engineering Practices:*** Developing and Using Models Planning and Carrying out investigations Constructing Explanations and Designing Solutions Scientific Investigations Use a Variety of Methods
Disciplinary Core Idea: Structure and Function	***Crosscutting Concepts***: Systems and Systems Models Structure and Function
Resources: See Quivers for Outline See Checklist for Timeline	***Assessments:*** Histology Worksheets Histology Problem Based Learning Flow Chart Construction Microscope Test Chapter Test
Vocabulary: Tissues Epithelium Basement membrane Simple squamous Simple cuboidal Simple columnar Pseudostratified columnar Stratified squamous Stratified cuboidal Transitional epithelium Glandular epithelium Exocrine gland Endocrine gland Connective tissue Collagen Reticulin	Elastin Areolar tissue Adipose Dense connective Loose connective Hyaline cartilage Elastic cartilage Fibrocartilage Clood Bone Osteocytes Serous membrane Mucous membrane Cutaneous membrane Skeletal muscle Smooth muscle Cardiac muscle

	Nervous tissue

Science Curriculum Map

Integumentary System Unit – Anatomy/Physiology

Standard: HS -LS1 From Molecules to Organisms: Structures and Processes	***Performance Expecation:*** HS-LS-1-2 Develop and use a model to illustrate the hierarchal organization of interacting systems HS-LS1-3 Plan and conduct an investigation to provide evidence that feedback mechanisms maintain homeostasis.
Essential Question: How do the structures of the skin help to regulate other parts of the human body?	***Science and Engineering Practices:*** Developing and Using Models Constructing Explanations and Designing Solutions Scientific Investigations Use A Variety of Methods
Disciplinary Core Idea: Structure and Function Growth and Development of Organisms	***Crosscutting Concepts***: Systems and Systems Models Structure and Function Stability and Change
Resources: See Quivers for Outline See Checklist for Timeline	***Assessments:*** Problem Based Learning – Skin Skin Color Origins Case Study Integumentary worksheets Disease Worksheets Chapter Test
Vocabulary: Epidermis Dermis Subcutaneous layer Keratin Melanin Cyanosis Follicle Sebaceous gland Sweat gland Eccrine Epocrine	 Impetigo Herpes Pediculosis Psoriasis Scabies Ulcer Wart Vitiligo Boil Carbuncle Inflammation

Heat regulation Acne Dermatitis	Hair shaft

Science Curriculum Map

Skeletal System Unit – Anatomy/Physiology

Standard: HS -LS1 From Molecules to Organisms: Structures and Processes	***Performance Expecation:*** HS-LS-1-2 Develop and use a model to illustrate the hierarchal organization of interacting systems HS-LS1-3 Plan and conduct an investigation to provide evidence that feedback mechanisms maintain homeostasis.
Essential Question: How is the skeleton used in movement and support within the human body?	***Science and Engineering Practices:*** Constructing Explanations and Designing Solutions Scientific Investigations Use a Variety of Methods
Disciplinary Core Idea: Structure and Function Growth and Development of Organisms Organization for Matter and Energy Flow in Organisms	***Crosscutting Concepts***: Structure and Function Stability and Change
Resources: See Quivers for Outline See Checklist for Timeline	***Assessments:*** Skeletal System Worksheets Forensics Lab Problem Based Learning - Skeletal System Male/Female Pelvis Lab Vertebrate Comparison Lab Anagram Key to bones Quiz 1,2,3 Study Guide Chapter Test
Vocabulary: Long bone Short bone Flat bone Irregular bone Epiphysis	Trunk bones Pelvic bones Fossa Formen Condyle Epicondyle

Diaphysis Compact bone Spongy bone Medullary cavity Endosteum Marrow Lacunae Osteocyte Haversian canal Osteoblasts Ossification Epiphyseal plate Osteoclasts Cartilage Levers Hematopoiesis Haemoglobin Ossification center Calsium Crainal bones Vertebral column Leg bones Arm bones	Fovea Head Meatus Process Spine Suture Trochanter Tubercle Tuberosity Bursae Synovial joint Fibrous joint Cartilage joint Pivot joint Hinge joint Flexion Extension Adduction abduction

Science Curriculum Map

Cardiovascular System Unit – Anatomy/Physiology

Standard: HS -LS1 From Molecules to Organisms: Structures and Processes	***Performance Expecation:*** HS-LS-1-2 Develop and use a model to illustrate the hierarchal organization of interacting systems HS-LS1-3 Plan and conduct an investigation to provide evidence that feedback mechanisms maintain homeostasis.
Essential Question: What is the function of the heart, and vessels, and how do they maintain a healthy body?	***Science and Engineering Practices:*** Scientific Investigations Use a Variety of Methods Constructing Explanations and Designing Solutions
Disciplinary Core Idea: Structure and Function Growth and Development of Organisms Organization for Matter and Energy Flow in Organisms	***Crosscutting Concepts***: Structure and Function Stability and Change
Resources: See Quivers for Outline See Checklist for Timeline	***Assessments:*** Cardiovascular System Worksheets Sphygomomanometer Lab Problem Based Learning Activity – Cardiovascular Heart Dissection Chapter Test
Vocabulary: Pulmonary Pericardium Epicardium Myocardium Endocardium Atria Ventricle Septum Tricuspid	Sinoatrial node Pacemaker Atrioventricular node AV bundle Purkinje fibers Electrocardiogram Artery Arteriole Capillary Venule

Papillary muscle	Veins
Pulmonary valve	Vasoconstriction
Mitral valve	Vasodilation
Aorta	Capillary exchange
Aortic valve	Stroke volume
Coronary artery	Cardiac output
Cardiac veins	Blood volume
Coronary sinus	Viscosity
Systole	Peripheral resistance
Diastole	Jugular
Cardiac cycle	Carotid
Lub-dup	Iliac
Conduction system	Femoral
Radial	Mesenteric
	Ulnar

Science Curriculum Map

Muscular System/Cat Dissection Unit – Anatomy/Physiology

Standard: HS -LS1 From Molecules to Organisms: Structures and Processes	***Performance Expecation:*** HS-LS-1-2 Develop and use a model to illustrate the hierarchal organization of interacting systems HS-LS1-3 Plan and conduct an investigation to provide evidence that feedback mechanisms maintain homeostasis. LS1-7 Use a model to illustrate that cellular respiration is a chemical process whereby the bonds of food molecules are broken and the bonds in new compounds are formed, resulting in a net transfer of energy.
Essential Question: How are muscles used to create force and motion in the human body? How do the structures in other animals relate to the human body?	***Science and Engineering Practices:*** Developing and Using Models Scientific Investigations Use A Variety of Methods Constructing Explanations and Designing Solutions
Disciplinary Core Idea: Structure and Function Organization for Matter and Energy Flow in Organisms	***Crosscutting Concepts***: Systems and Systems Models Structure and Function
Resources: See Quivers for Resources See Checklist for Timeline	***Assessments:*** Cat Dissections Cat Identification Test Muscular System Worksheets Problem Based Learning: Muscular System Fitness Center Exercise Understanding Pushing the Limits: Strength Muscular System powerpoint 1,2,3,4,5,6 Quiz Questions Quiz 1,2,3,4 Chapter Test Identification of Muscles Test
Vocabulary:	

Fascia	Acetylcholine
Aponeuroses	Muscle impulse
Myofibrils	Acetylcholinesterase
Myosin	Creatine phosphate
Actin	Haemoglobin
Troponin	Myoglobin
Sarcomeres	Oxygen debt
Fiber	Muscle patigue
Sarcoplasmic reticulum	ATP
H zone	Twitch
Z line	Latent period
I Band	Threshold stimulus
A Band	Summation
Motor neuron	Tetanus
Synapse	Recruitment
Motor end plate	Muscle tone
Motor unit	Insertion
Tropomyosin	Origin
Sliding filament theory	Prime mover
All or none response	Antagonist
All human muscles	Synergist
All cat muscles	Fixator

Science Curriculum Map

Nervous System Unit – Anatomy/Physiology

Standard: HS -LS1 From Molecules to Organisms: Structures and Processes	***Performance Expecation:*** HS-LS-1-2 Develop and use a model to illustrate the hierarchal organization of interacting systems HS-LS1-3 Plan and conduct an investigation to provide evidence that feedback mechanisms maintain homeostasis.
Essential Question: How does the human body receive, interpret, and send information throughout itself?	***Science and Engineering Practices:*** Developing and Using Models Scientific Investigations Use a Variety of Methods Constructing Explanations and Designing Solutions
Disciplinary Core Idea: Structure and Function Growth and Development of Organisms Organization for Matter and Energy Flow in Organisms	***Crosscutting Concepts***: Energy and Matter Structure and Function Stability and Change
Resources: See Quivers for Resources See Checklist for Timeline	***Assessments:*** Skeletal System Worksheets Beautiful Minds Article Summary Brain Dominance Lab Hemispheric Dominance Activity Zombies Problem based learning activity Cranial Nerve Testing Nervous System PBL - Ice Cold Illinois Secrets of the Mind Concept Map Chapter Test Brain Labeling
Vocabulary: Neurons Nerve Impulses Cell body Dendrites Axons	Resting potential Potential change Action potential Threshold potential Membrane potential Excitatory

Nerve	Inhibitory
Central nervous system	All or none response
Peripheral nervous system	Neuronal pools
Neuroglial cells	Facilitation
Sensory receptors	Convergence
Microglial cells	Divergence
Astrocytes	Reflex arc
Effectors	Meninges
Somatic nervous system	Dura mater
Autonomic nervous system	Pia mater
Schwann cells	Arachnoid mater
Myelin sheaths	Cerebrospinal fluid
Neurolemma	Spinal nerves
Nodes of Ranvier	Spinal cord
Multipolar	Cranial nerves
Bipolar	Nerve tracts
Unipolar	Central canal
Sensory	Ascending tract
Motor	Descending tract
Mixed	Brain
Synapse	Cerebrum
Neurotransmitters	Corpus callosum
Choroid plexus	Sulcus
Midbrain	Fissure
Hindbrain	Gyrus
Medulla	Loves
Cranial nerves	Association area
Cholinergic fibers	Adrenergic fibers
	EEG

Science Curriculum Map

Respiratory System Unit – Anatomy/Physiology

Standard: HS -LS1 From Molecules to Organisms: Structures and Processes	***Performance Expecation:*** HS-LS-1-2 Develop and use a model to illustrate the hierarchal organization of interacting systems HS-LS1-3 Plan and conduct an investigation to provide evidence that feedback mechanisms maintain homeostasis.
Essential Question: How do the respiratory organs and blood, exchange gases to keep your body cells alive?	***Science and Engineering Practices:*** Developing and Using Models Scientific Investigations Use a Variety of Methods Constructing Explanations and Designing Solutions
Disciplinary Core Idea: Structure and Function Organization for Matter and Energy Flow in Organisms	***Crosscutting Concepts***: Systems and Systems Models Structure and Function Stability and Change
Resources: See Quivers for Resources See Checklist for Timeline	***Assessments:*** Respiratory System Worksheets A Friend In Need Case Study Water Spirometer Lab Into Thin Air Case Study Respiratory System PBL Chapter Test
Vocabulary: Respiration Nose Nasal cavity Nasal septum Hard palate Soft palate Pharynx Larynx Vocal cords Glottis Trachea	Respiratory cycle Tidal volume Inspiratory reserve volume Expiratory reserve volume Residual volume Total lung capacity Vital capacity Medullary rhythmicity center Dorsal respiratory group Anterior respiratory grounp Inflation reflex Respiratory membrane

Hyaline cartilage Primary brochii Bronchial tree Bronchioles Alveoli Alveolar sacs Pleural cavity Visceral pleura Parietal pleura Lungs Inspiration	Haemoglobin Oxyhemoglobin Partial pressure Bicarbonate ion Hypoxia Carbonic anhydrase Cyctic fibrosis pneumothorax Expiration Atmospheric pressure Surface tension Surfactant

Science Curriculum Map

Digestive System Unit – Anatomy/Physiology

Standard: HS -LS1 From Molecules to Organisms: Structures and Processes	***Performance Expecation:*** HS-LS-1-2 Develop and use a model to illustrate the hierarchal organization of interacting systems HS-LS1-3 Plan and conduct an investigation to provide evidence that feedback mechanisms maintain homeostasis HS -LS1-7 Use a model to illustrate that cellular respiration is a chemical process whereby the bonds of food molecules are broken and the bonds in new compounds are formed, resulting in a net transfer of energy.
Essential Question: How does the gastrointestinal tract process our food into energy for the human body?	***Science and Engineering Practices:*** Developing and Using Models Constructing Explanations and Designing Solutions Scientific Investigations Use a Variety of Methods
Disciplinary Core Idea: Structure and Function Organization for Matter and Energy Flow in Organisms	***Crosscutting Concepts***: Energy and Matter Stability and Change Structure and Function
Resources: See Quivers for Resources See Checklist for Timeline	***Assessments:*** Digestive System Worksheets The Hunger Pains Case Study Digestive System Lab Special project Presentation Student Presentations Chapter Test

Vocabulary:	
Mechanical digestion	Pepsin
Chemical digestion	Pepsinogen
Alimentary canal	Intrinsic factor
Mucous membrane	Gastrin
Lumen	Chyme
Mucosa	Liver
Segmentation	Pancreas
Peristalsis	Hepatic duct
Cheek	Common bile duct
Lip	Bile
Tongue	Gall bladder
Mastication	Duodenum
Papillae	Jejunum
Taste receptors	Ileum
Palate	Mesentery
Uvula	Intestinal glands
Teeth	Cecum
Primary teeth	Appendix
Secondary teeth	Rectum
Saliva glands	Anus
Parotid gland	Anal canal
Submandibular glands	Colon
Sublingual glands	Ascending colon
Pharynx	Transverse colon
Bolus	Descending colon
Esophagus	Sigmoid colon
Sphincter	Stomach
	Villi
	Gastric glands

Anatomy Curriculum Checklist by Day

Body Organization Unit

Day One

- Body Organization pwpt Section 1
- Start 2000m Rowing Case Study

Day 2

- Body Organization pwpt Section 2 (1st half)
- Homeostasis Lab

Day 3

- Quiz over Terminology
- Body Organization pwpt Section 2 (2nd half)
- Continue 2000m Rowing
- Study Guide for Unit Test

Day 4

- 2000m Rowing Cont.
- Chapter Test

Cellular Chemistry Unit

Day One

- Look over Test
- Research Chapter 2 Jigsaw

Day 2

- Student Presentations over chapter 2
- Cell Chemistry pwpt Section 1
- Cell chemistry worksheets

Day 3

- Cell Chemistry pwpt Section 2,3,4
- Translation magnet manipulation
- Study Guide

Day 4

- Chapter Test

Histology Unit Checklist

Day One
- Histology Worksheets

Day 2
- Histology Pwpt Section 1 Epithelium (teacher scope)
- Continue Worksheets

Day 3
- Histology Pwpt Section 2 Connective (pt 1) (teacher scope)
- Introduce your own Flow chart
- Microscope Time (student)

Day 4
- Histology pwpt Section 2 Connective (pt 2) (teacher scope)
- Microscope Time (student)

Day 5
- PBL – Histology
- Microscope Time (student)

Day 6
- Histology pwpt Section 3 Bone/Blood (teacher scope)
- Microscope Time (student)

Day 7
- Histology pwpt Section 4 Muscle/Nerve (teacher scope)
- Microscope Time (student)
- Study Guide

Day 8
- Practice Identification Test
- Microscope Time (student)
- Crash Course Video

Day 9
- Unit Test
- Microscope Identification Test

Integumentary System Checklist

Day One

- Integumentary System Worksheets
- Rubber Band Man video

Day 2

- Integumentary System pwpt Section 1
- Cont. Worksheets

Day 3

- Integumentary System PBL

Day 4

- Integumentary System pwpt Section 2
- Start Skin Color Case Study

Day 5

- Integumentary System pwpt Section 3
- Skin Color Case Study

Day 6

- Integumentary System pwpt Section 4
- Disease Worksheet
- Skin Color Case Study
- Study Guide

Day 7

- Unit Test

Skeletal System Checklist

Day One
- Skeletal System Worksheets
- Miley Cyrus Bone Dance Introduction

Day 2
- Skeletal System pwpt Section 1
- Continue Worksheets

Day 3
- Skeletal System pwpt Section 2
- Vertebrate Comparison Lab

Day 4
- Skeletal System pwpt Section 3 pt 1
- Start Forensics Lab

Day 5
- Skeletal System pwpt Section 3 pt 2
- Forensics Lab

Day 6
- Quiz 1
- Skeletal System PBL

Day 7
- Skeletal System pwpt Section 4
- Forensics Lab

Day 8
- Quiz 2
- Skeletal System pwpt Section 5 pt 1
- Male/Female Pelvis Lab

Day 9
- Skeletal System pwpt Section 5 pt 2
- Forensics Lab
- Anagram Setup

Day 10
- Skeletal System pwpt Section 6
- Study Guide

Day 11
- Quiz 3
- Bone Dance Videos
- Study Guide

Day 12
- Unit Test
- Identification Test

Cardiovascular System Checklist

Day One
- Cardiovascular System Worksheets

Day 2
- Cardiovascular system pwpt Section 1
- Continue worksheets

Day 3
- Cardiovascular system pwpt Section 2
- Blood Flow Website Review
- Open Heart Surgery Video

Day 4
- Cardiovascular system pwpt Section 3
- Pig Heart Dissections

Day 5
- Cardiovascular system pwpt Section 4
- Sphygmomanometer Lab

Day 6
- Cardiovascular system pwpt Section 5
- Finish Sphygmomanometer Lab
- Study Guide

Day 7
- Cardiovascular System PBL
- Study Guide

Day 8
- Unit Test

Muscular System/ Cat Dissection Unit

Day One
- Muscular System Worksheets

Day 2
- Muscular System pwpt Section 1
- Continue Worksheets

Day 3
- Muscular System pwpt Section 2
- Extra Human Muscles Video

Day 4
- Muscular System pwpt Section 3
- Cat Skinning Demonstration

Day 5
- Cat Skinning (Student)

Day 6
- Muscular System pwpt Section 4
- Study Time For Quiz
- Review Cat Dissection Books

Day 7
- Cat Dissection participation

Day 8
- Quiz 1
- Muscular System pwpt Section 5
- Study Time

Day 9
- Quiz 2
- Cat Dissection participation

Day 10
- Fitness Center Exploration

Day 11
- Cat Dissection participation

Day 12
- Quiz 3
- Muscular System PBL

Day 13
- Cat Dissection participation

Day 14
- Muscular System pwpt Section 6
- Study Guide for Test

Day 15
- Quiz 4
- Cat Dissection participation

Day 16
- Cat Dissection participation

Day 17

Human Muscles Test

Day 18

Cat Dissection participation

Day 19

Cat Dissection Oral Test

Nervous System Unit Checklist

Day One
- Nervous System Worksheets
- Secrets of the Mind Video

Day 2
- Nervous System pwpt Section 1
- Beautiful Minds Article

Day 3
- Nervous System pwpt Section 2
- Brain Dominance Lab

Day 4
- Nervous System pwpt Section 3
- Nervous System Concept Map
- Hemispheric Dominance Activity

Day 5
- Start Zombie/Brain Parts PBL

Day 6
- Zombie PBL

Day 7
- Nervous System pwpt Section 4
- Zombie PBL

Day 8
- Brain Dissection
- Review Parts of the Brain

Day 9
- Nervous System pwpt Section 5
- Cranial Nerve Testing

Day 10
- Nervous System PBL
- Study Guide

Day 11
- Nervous System pwpt Section 6
- Study Guide
- Review for Test

Day 12
- Unit Test

Respiratory System Unit Checklist

Day One
- Respiratory System Worksheets
- Video

Day 2
- Respiratory System pwpt Section 1
- Respiratory System Worksheets

Day 3
- Respiratory System pwpt Section 2 (pt 1)
- A Friend in Need Case Study

Day 4
- Respiratory System pwpt Section 2 (pt 2)
- Spirometer/Lung Volume Lab

Day 5
- Into Thin Air Case Study

Day 6
- Respiratory System pwpt Section 3
- Study Guide

Day 7
- Unit Test

Digestive System Unit Checklist

Day One

- Digestive System Worksheets
- Xray Swallow Test Video

Day 2

- Digestive System pwpt Section 1
- Hunger Pains Case Study

Day 3

- Digestive System pwpt Section 2
- Hunger Pains Case Study Cont.

Day 4

- Digestive System pwpt Section 3
- Functions of the Digestive System Lab

Day 5

- Study Guide
- Start Video Project

Day 6

- Digestive System Unit Test

Quivers	Body Organization and Terminology
Question	How is the human body organized?
Investigation	Homeostasis Lab
	2000m Rowing Case Study
Video	Anatomical Terms of Direction video
	Life of the Human Body
Elaborate	Powerpoint Section 1
	Powerpoint Section 2
Review	Terminology Quiz
	Chapter Study Guide
Summary Quiz	Chapter Test

Quivers	Cell Chemistry
Question	How do cells maintain balance within the human body?
Investigation	Chapter 2 Jigsaw (Groups of 4) with presentations
	Chapter 2 Worksheets
Video	Basic Cell Chemistry
	Tour of the Cell
Elaborate	Powerpoint Section 1
	Powerpoint Section 2
	Powerpoint Section 3
	Powerpoint Section 4
	Translation Modeling as a class
Review	Presentation of Chapter 2
	Note Sheet
	Study Guide
Summary Quiz	Chapter Test

Quivers	Histology
Question	How does the specificity of a tissue affect the overall organ function in t
Investigation	Histology Worksheets
	Problem Based Learning: Histology
Video	Crash Course Tissues Part 1-4
Elaborate	PP Section 1
	PP Section 2
	PP Section 3
	PP Section 4
	Microscope Time/ Teacher and Individual
Review	Study Guide
	Make your own Flow Chart
	Practice Microscope Test
Summary Quiz	Microscope Test
	Written Chapter Test

Quivers	Integumentary System
Question	How do the structures of the skin help to regulate other parts of the human body?
Investigation	PBL Skin Assignment
	Skin Color Origins Case Study
	Integumentary System Worksheets
Video	Rubber Band Man
	Bill Nye on Melanin
Elaborate	Powerpoint Sections 1,2,3,4
	Disease Worksheets
Review	Study Guide
Summary Quiz	Chapter Test

Quivers	Skeletal System
Question	How is the skeleton used in movement and support within the human body?
Investigation	Skeletal System Worksheets
	Forensics Lab
	Skeletal System PBL
	Male/Female Pelvis Lab
Video	Bone Dances
	Life of the Human Body
Elaborate	Skeletal System Powerpoint 1,2,3,4,5,6
	Vertebrate Comparison Lab
	Anagram Key to bones
Review	Quiz 1,2,3
	Study Guide
Summary Quiz	Chapter Test
	Labeling Test

Quivers	Cardiovascular System
Question	What is the function of the heart, and vessels, and how do they maintain health in the human body?
Investigation	Cardiovascular System Worksheets
	Sphygomomanometer Lab
	Problem Based Learning Activity - Cardiovascular
Video	Open Heart Dissection cideo
Elaborate	Cardiovascular Powerpoint Section 1,2,3,4
	Blood Flow Website
Review	Heart Dissection
	Study Guide
Summary Quiz	Chapter Test

Quivers	Cat Dissections (special unit)
Question	How do the structures in other animals relate to the human body?
Investigation	Cat Dissections
Video	
Elaborate	Done in conjunction with Muscular System
Review	One on One Assistance during the dissections
Summary Quiz	Cat Identification Test

Quivers	Nervous System
Question	How does the human body receive, interpret, and send information throughout itself?
Investigation	Skeletal System Worksheets
	Beautiful Minds Article Summary
	Brain Dominance Lab
	Hemispheric Dominance Activity
	Zombies Problem based learning activity
	Cranial Nerve Testing
	Nervous System PBL - Ice Cold Illinois
Video	Secrets of the Mind
Elaborate	Nervous System Pwpts 1,2,3,4,5,6
	Brain Dissection
Review	Concept Map
	Study Guide
Summary Quiz	Chapter Test
	Labeling on actual Brain

Quivers	Respiratory System
Question	How do the respiratory organs and blood exchange gases to keep our body cells alive?
Investigation	Respiratory System Worksheets
	A Friend In Need Case Study
	Water Spirometer Lab
	Into Thin Air Case Study
	Respiratory System PBL
Video	Human Body of Life
Elaborate	Respiratory System pwpts 1,2,3
Review	Study Guide
Summary Quiz	Chapter Test

Quivers	Digestive System
Question	How does the gastrointestinal tract process our food into energy for the human body?
Investigation	Digestive System Worksheets
	The Hunger Pains Case Study
	Digestive System Lab
	Special project Presentation
Video	Digestive System Overview
Elaborate	Digestive System pwpt 1,2,3
Review	Study Guide
	Student Presentations
Summary Quiz	Chapter Test