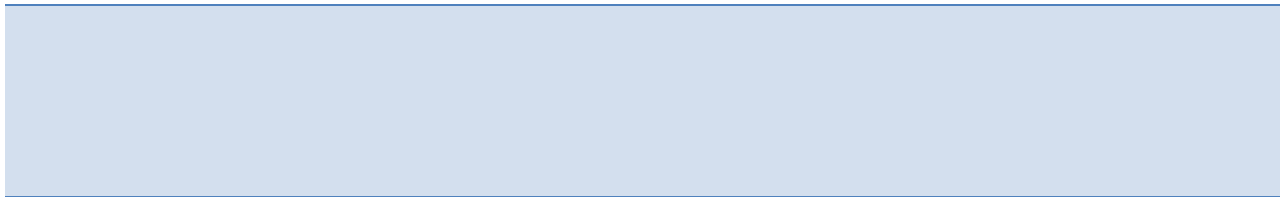


Daily Lesson Plans Chapter 3--Cells and Homeostasis	Academic Biology	Oct 15-18, 2019	Mrs. Linda Henry Unit: Cell Biology
Standards with Objectives	Activities	Evaluation	Enrichments
<ol style="list-style-type: none"> 1. 3.1.10A5—relate life processes to cellular and sub-cellular levels structures and functions 2. list the parts of the cell theory 3. differentiate between prokaryotes and eukaryotes 4. list and give the functions of the organelles 5. explain the function of the cell membrane 6. differentiate between passive transport and active transport. 	<p>Tuesday--Wednesday--QUIZ on cell organelles and then continue notes on Passive and Active Transport--assign study guide sections 4 and 5 for HW</p> <p>Thursday--go over HW and then pass out the Cell Membrane packet. Students should READ and then answer the questions....</p> <p>Friday--Osmosis case study--applications of how the movement of water is important in farming and healthcare</p>	<p>Power notes for Chapter 3</p> <p>Study guide for Chapter 3</p> <p>Cell Membrane Packet</p> <p>Osmosis case study</p>	<p>Try the standards based assessment for this chapter on page 209 of your textbook. Many of these will be similar to your Biology Keystone Exam questions later this year!</p> <p>Adaptations for activities and tutoring:</p> <ol style="list-style-type: none"> 1. Concept map 2. Word search 3. Critical thinking essays 4. Flashcards 5. Section reviews 6. Chapter reviews 7. Read chapter highlights

Daily Lesson Plans Chapter 3--Cells	Biology Laboratory (Every other day)	Oct.15--18, 2019	Mrs. Linda Henry Unit: Intro to Biology
PA Academic Standards and Objectives	Activities	Evaluations	Enrichment
<p>1. 3.1.10A5—relate life processes to cellular and sub-cellular levels structures and functions</p> <p>2. 3.1.10.A6—identify the advantages of multicellularity in organisms</p> <p>3. students will analyze and classify tools used in biology</p>	<p>Microscope study on differentiating between plant and animal cells.</p> <p>Diffusion lab--students will use a luncheon baggie to demonstrate a selectively permeable membrane</p>	<p>Microscope lab on cells</p> <p>Diffusion lab</p>	<p>Go Online! To HMDSscience.com For virtual labs, poison frogs and Biozine articles</p> <p>Adaptations for activities and tutoring:</p> <ol style="list-style-type: none"> 1. Concept map 2. Word search 3. Critical thinking essays 4. Flashcards 5. Section reviews 6. Chapter reviews 7. Read chapter highlights



Daily Lesson Plans Chapter 4--Tissues	Introduction to Human Biology	Oct. 15--18, 2019	Mrs. Linda Henry Unit: organization of the body
PA Academic Standards and Objectives	Activities	Evaluations	Enrichment
<p>3.1.10.A5—relate the life processes of cellular and subcellular structures to their function</p> <p>2. differentiate between prokaryotic and eukaryotic cells</p> <p>3. list the organelles and what their functions are</p> <p>4. differentiate mitosis and meiosis</p> <p>5. list the steps in protein synthesis that occurs in human body cells</p>	<p>Monday---Thur sday--continue notes and assign the appropriate sections in the study guide</p> <p>Friday--begin the Tissue lab with microscope and prepared slides</p>	<p>Chapter 4 Notes</p> <p>Chapter 4 study guide</p> <p>Tissue type lab</p>	<p>Try clinical applications on page 24-25 in your text for practice in higher critical thinking skills.</p> <p>Adaptations for tutoring and activities:</p> <ol style="list-style-type: none"> 1. Concept maps 2. Word search 3. Critical thinking essays 4. Flashcards 5. Section reviews 6. Chapter reviews 7. Read chapter highlight

Daily Lesson Plans Chapter 2--Crime Scenes	Introduction to Forensics (B days--every other day)	Oct 15-18 2019	Mrs. Linda Henry Unit:Crime scenes and criminal profiles
PA Academic Standards with Objectives	Activities	Evaluations	Enrichment
<ol style="list-style-type: none"> 1. 3,4,10.A-technology and how it impacts scientific endeavors 2. 3.1.10.B4—explain how technologies have impacted the field of forensics. 3. List and explain the development of forensics through time 4. explain the cooperation between the law and forensics 5. differentiate between the Frye and Daubert rulings 	<p>Tuesday--go over HW. Discuss medical examiner's duties and have students complete the computer interactive on medical examiners</p> <p>Thursday--go over interactive.</p> <p>Continue notes on entomology-pass out worksheet on insects and how to determine time of death.</p>	<p>Chapter 2 notes on crime scenes and how to process them</p>	<p>Try clinical applications on page 24-25 in your text for practice in higher critical thinking skills.</p> <p>Adaptations for tutoring and activities:</p> <ol style="list-style-type: none"> 1. Concept maps 2. Word search 3. Critical thinking essays 4. Flashcards 5. Section reviews 6. Chapter reviews 7. Read chapter highlights

NO SCHOOL on Monday--Teacher In-Service Day

6. explain the responsibilities of a forensic expert

Daily Lesson Plans Chapter 4--Cells	Advanced Biology	Oct. 15-18, 2019	Mrs. Linda Henry Unit: Review of Basic Biology
PA Standards with Objectives	Activities	Evaluations	Enrichment

<p>7.</p> <p>3.1.10A5—relate life processes to cellular and sub-cellular levels structures and functions</p> <ol style="list-style-type: none"> list the cell theory and how it pertains to the characteristics of life differentiate between prokaryotes and eukaryotes list the organelles and their functions 	<p>Tuesday--Thursday-- finish notes and assign appropriate sections in the study guide packet....</p> <p>Friday--finish packet and begin lab on types of cells--prokaryotes and eukaryotes, plants vs. animal, etc</p>	<p>Chapter 4--notes on cells</p> <p>HW pages in the end of the chapter</p> <p>Study guide packet for Chapter 4</p> <p>Cell lab</p>	<p>Try clinical applications on page 24-25 in your text for practice in higher critical thinking skills.</p> <p>Adaptations for tutoring and activities:</p> <ol style="list-style-type: none"> Concept maps Word search Critical thinking essays Flashcards Section reviews Chapter reviews Read chapter highlights
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