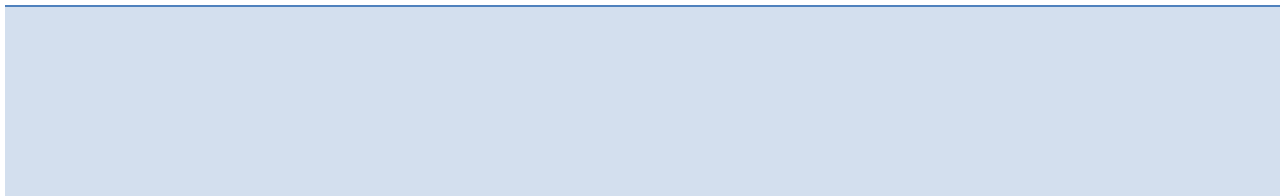


Daily Lesson Plans Chapter 3--Cells and Homeostasis	Academic Biology	Oct 21--25, 2019	Mrs. Linda Henry Unit: Cell Biology
Standards with Objectives	Activities	Evaluation	Enrichments
<p>1. <b>3.1.10A5—relate life processes to cellular and sub-cellular levels structures and functions</b></p>	<p>Monday--collect packet. Pass out the chapter review packet</p>	<p>Chapter 3 review</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>2. assess student knowledge of prokaryotic and eukaryotic cells, the cell membrane, passive and active transport</p>	<p>Tuesday--finish review packet and review for test</p> <p>Wednesday--Test on Chapter 4. Students should begin reading Chapter 5 on cell energy</p> <p>Thursday--go over tests and begin Chapter 6 section 1 on ATP. Assign HW section 1</p> <p>Friday--go over HW and then</p>	<p>Review for test</p> <p>Chapter 3 Test on cells and homeostasis</p> <p>Chapter 4 power notes</p> <p>Chapter 4 study guide</p>	<p>Adaptations for activities and tutoring:</p> <ol style="list-style-type: none"> <li>1. Concept map</li> <li>2. Word search</li> <li>3. Critical thinking essays</li> <li>4. Flashcards</li> <li>5. Section reviews</li> <li>6. Chapter reviews</li> <li>7. Read chapter highlights</li> </ol>

Daily Lesson Plans Chapter 3--Cells	Biology Laboratory (Every other day)	Oct.21-25, 2019	Mrs. Linda Henry Unit: Intro to Biology
PA Academic Standards and Objectives	Activities	Evaluations	Enrichment
<p>1. <b>3.1.10A5—relate life processes to cellular and sub-cellular levels structures and functions</b></p> <p>2. <b>3.1.10.A6—identify the advantages of multicellularity in organisms</b></p> <p>3. <b>students will analyze and classify tools used in biology</b></p>	<p>Diffusion lab--students will use a luncheon baggie to demonstrate a selectively permeable membrane</p> <p>Chromatography lab separating pigments from leaves</p>	<p>Diffusion lab</p> <p>chromatography 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"> <li>1. Concept map</li> <li>2. Word search</li> <li>3. Critical thinking essays</li> <li>4. Flashcards</li> <li>5. Section reviews</li> <li>6. Chapter reviews</li> <li>7. Read chapter highlights</li> </ol>



Daily Lesson Plans Chapter 4--Tissues	Introduction to Human Biology	Oct. 21-25, 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----Tues day-begin the Tissue lab with microscope and prepared slides</p> <p>Wednesday--Quiz on Tissue diagrams.</p> <p>Review for test</p> <p>Thursday--Test on Chapter 4</p> <p>Friday--go over test and then begin chapter 6 on skeletal systems</p>	<p>Tissue type lab</p> <p>Review for test</p> <p>Quiz on Tissues</p> <p>Test on Chapter 4</p> <p>Power point notes on Chapter 6 on skeleton</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"> <li>1. Concept maps</li> <li>2. Word search</li> <li>3. Critical thinking essays</li> <li>4. Flashcards</li> <li>5. Section reviews</li> <li>6. Chapter reviews</li> <li>7. Read chapter highlight</li> </ol>

<b>Daily Lesson Plans Chapter 2--Crime Scenes</b>  <b>PA Academic Standards with Objectives</b>	<b>Introduction to Forensics (B days--every other day)</b>  <b>Activities</b>	<b>Oct 21-25, 2019</b>  <b>Evaluations</b>	<b>Mrs. Linda Henry Unit:Crime scenes and criminal profiles</b>  <b>Enrichment</b>
<ol style="list-style-type: none"> <li>1. <b>3,4,10.A-technology and how it impacts scientific endeavors</b></li> <li>2. <b>3.1.10.B4—explain how technologies have impacted the field of forensics.</b></li> <li>3. List and explain the development of forensics through time</li> <li>4. explain the cooperation between the law and forensics</li> <li>5. differentiate between the Frye and Daubert rulings</li> <li>6. explain the responsibilities</li> </ol>	<p>Monday--finish episode on crime scenes....</p> <p>Wednesday-go over episode and discuss other parts of the crime lab--Web adventures Rookie traing.....</p> <p>Friday--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>entomology lesson activity</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"> <li>1. Concept maps</li> <li>2. Word search</li> <li>3. Critical thinking essays</li> <li>4. Flashcards</li> <li>5. Section reviews</li> <li>6. Chapter reviews</li> <li>7. Read chapter highlights</li> </ol>

of a forensic expert

Daily Lesson Plans Chapter 4--Cells	Advanced Biology	Oct. 21-25, 2019	Mrs. Linda Henry Unit: Review of Basic Biology
PA Standards with Objectives	Activities	Evaluations	Enrichment
<p>3. <b>3.1.10A5—relate life processes to cellular and sub-cellular levels structures and functions</b></p> <p>1. list the cell theory and how it pertains to the characteristics of life</p> <p>2. differentiate between prokaryotes</p>	<p>Monday--Cells lab with microscopes. Students compare pro- and eukaryotes.</p> <p>Tuesday--go over lab.. Complete the chart on plant, animal and bacteria comparisons</p> <p>Wednesday--go over chart and then have students measure the Agar lab on diffusion</p>	<p>Cell lab</p> <p>Chart on Cell types</p> <p>Diffusion lab with agar cubes</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"> <li>1. Concept maps</li> <li>2. Word search</li> <li>3. Critical thinking essays</li> <li>4. Flashcards</li> <li>5. Section reviews</li> <li>6. Chapter reviews</li> </ol>

This is SADD Red Ribbon Week

<p>and eukaryotes</p> <p>3. list the organelles and their functions</p>	<p>Thursday--go over lab and review for test</p> <p>Friday--Test on Chapter 4 Cells</p>	<p>Review for test</p> <p>Chapter 4 Test</p>	<p>7. Read chapter highlights</p>
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