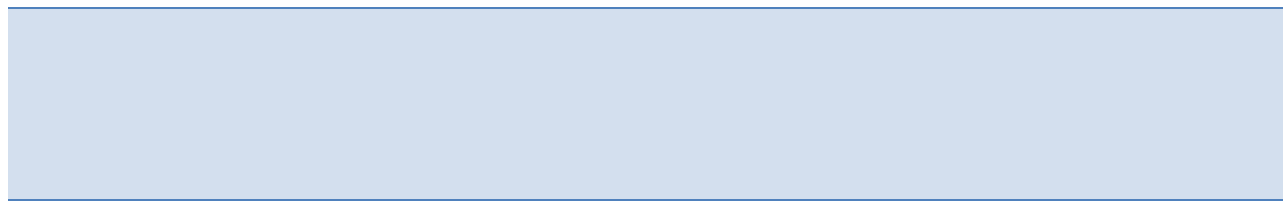


Daily Lesson Plans Chapter 4--Cells and Energy	Academic Biology	Nov. 12-15, 2019	Mrs. Linda Henry Unit: Cell Biology
Standards with Objectives	Activities	Evaluation	Enrichments
1. 3.1.10A5—relate life processes to cellular and sub-cellular levels structures and functions	Monday---No school Tuesday--Video review of photosynthesis and respiration	Bozeman video on Cell energy	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!
2. assess student knowledge of the energy processes utilized within cells.	Wednesday--Mrs. Opfar discussing career portfolio (if she cannot attend, then pass out the Chapter 4 review packets for students to work on)	Career planning with Mrs. Opfar Chapter 4 review packets	Adaptations for activities and tutoring: <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
	Thursday--continue packet and review for test	Test on Photosynthesis, respiration and fermentation	
	Friday--Test on Chapter 4		

Daily Lesson Plans Chapter 4--Cell energy	Biology Laboratory (Every other day)	Nov. 12-15, 2019	Mrs. Linda Henry Unit: Intro to Biology
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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>Virtual labs on carbon transfer between plants and animals.</p> <p>Chromatography lab separating pigments from leaves</p>	<p>Classzone virtual lab on carbon transfer</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"> 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 6--9 Skeletal system	Introduction to Human Biology	Nov. 12-15, 2019	Mrs. Linda Henry Unit: Supportive body systems
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. list the functions of bone tissue</p> <p>3. explain the differences between spongy and compact bone</p> <p>4. label and describe the functions of the parts of the long bone</p> <p>5. name and identify the major bones of the skeleton.</p> <p>6. differentiate endochondral bone formation and intra membranous bone formation</p>	<p>Monday---No school</p> <p>Tuesday-Wednesday--assign the study guide for Chapters 6--9 and begin differentiating the bones</p> <p>Thursday-Friday--Skeletal bone laboratory--students look at a disarticulated skeleton and name the parts</p>	<p>Power point notes on Chapter 6 on skeleton next chapter</p> <p>Study guide for Chapters 6--9</p> <p>Skeletal 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)	Nov. 12-15, 2019	Mrs. Linda Henry Unit:Crime scenes and criminal profiles
PA Academic Standards with Objectives	Activities	Evaluations	Enrichment
1. 3,4,10.A-technology and how it impacts scientific endeavors	Tuesday--Crime Scene analysis "Dinner for Two" processing the crime scene		Try clinical applications on page 24-25 in your text for practice in higher critical thinking skills.
2. 3.1.10.B4—explain how technologies have impacted the field of forensics.	Thursday--review crime scene processing with worksheet and video	Crime Scene collection of evidence and re-creation of the crime scene diagrams	Adaptations for tutoring and activities:
3. List and explain the steps in processing a crime scene		Review for test	<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

4. list the duties of the first responder
5. explain the duties of the medical examiner/coroner
6. process a mock crime scene

Daily Lesson Plans Chapter 5--Cell membrane	Advanced Biology	Nov. 12-15, 2019	Mrs. Linda Henry Unit: Cell Biology
PA Standards with Objectives	Activities	Evaluations	Enrichment
<p>3. 3.1.10A5—relate life processes to cellular and sub-cellular levels structures and functions</p>	<p>Monday--No School Tuesday--collect take home test.</p>	<p>Chapter 5 notes and HW</p>	<p>Try clinical applications on page 24-25 in your text for practice in higher critical thinking skills.</p>

