

Midterm and Final Exams are this week!! STUDY!

Daily Lesson Plans Chapter 6--Meiosis and Genetics	Academic Biology	Jan.14--18, 2019	Mrs. Linda Henry Unit: Heredity
Standards with Objectives	Activities	Evaluation	Enrichments
1. 3.1.10A5—relate life processes to cellular and sub-cellular levels structures and functions	Monday--Review for Chapter 6 Test Tuesday--Midterm Exam for Chapters 1--6	Collect notebooks Midterm exam	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 mitosis and cellular reproduction	Wednesday--Organize Notebooks and turn in portfolios for 100 points	The Power of Genes video and handout	Adaptations for activities and tutoring:
3. list the various chromosomes in the human genome	Thursday--give back notebooks and show video on the power of genes..students will in handout	Review for test Chapter 6 Test on Meiosis and genetics	1. Concept map 2. Word search 3. Critical thinking essays 4. Flashcards 5. Section reviews 6. Chapter reviews 7. Read chapter highlights
4. explain what a karyotype can give you	Friday--Test on Chapter 6--Meiosis and Genetics		
5. explain the two phases of meiosis			
6. give historical background on Mendel and his works			
7. differentiate between genes, traits and alleles			
8. explain probability and genetic problems			
9. explain genetic variation and give examples			

**Daily Lesson Plans
Chapter 6--Meiosis
and genetics**

**Biology Laboratory
(Every other day)**

Jan 14-18, 2019

**Mrs. Linda Henry
Unit: Heredity**

**PA Academic
Standards and
Objectives**

Activities

Evaluations

Enrichment

1. **3.1.10A5—relate life processes to cellular and sub-cellular levels structures and functions**
2. **3.1.10.A6—identify the advantages of multicellularity in organisms**
3. **create a karyotype using simplified chromosomes**
4. **list the stages of meiosis**

Genetics Review Packet on problems and understanding the basics of genetics

Genetics Review Packet

SAS packet #3

SAS packet #3 on analyzing data

Go Online! To HMDSscience.com For virtual labs, poison frogs and Biozine articles

Adaptations for activities and tutoring:

1. Concept map
 2. Word search
 3. Critical thinking essays
 4. Flashcards
 5. Section reviews
 6. Chapter reviews
 7. Read chapter highlights
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Daily Lesson Plans Chapter 12--13-Circulatory system	Introduction to Human Biology	Jan 14-18, 2019	Mrs. Linda Henry Unit: Transport 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 two parts of the muscular system</p> <p>4. give the functions of the muscular system</p> <p>5. name the basic parts of the muscle</p>	<p>Monday--Review for Final</p> <p>Tuesday--Final test on Human Biology.</p> <p>Wednesday--Friday--go over the rest of the circulatory packet, ECC readings and the packet on the Nervous system</p>	<p>Review for Final</p> <p>Final exam</p> <p>Activity packets on Nervous and circulatory systems</p> <p>How to read an ECC 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"> 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 4--Fingerprints	Introduction to Forensics (B days--every other day)	Jan 14-18, 2019	Mrs. Linda Henry Unit:Individual evidence
PA Academic Standards with Objectives	Activities	Evaluations	Enrichment
1. 3,4,10.A-technology and how it impacts scientific endeavors	Tuesday--Dusting for prints lab. Collect notebooks	Fingerprint dusting lab Chapter 15 notes	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--give back notebooks and pass out the review of fingerprint evidence	Review of fingerprint evidence (test next week) Fingerprint info on google classroom	Adaptations for tutoring and activities: 1. Concept maps 2. Word search 3. Critical thinking essays 4. Flashcards 5. Section reviews 6. Chapter reviews 7. Read chapter highlights
3. explain the uses of fingerprints and the three categories of classification			
4. list the three types of fingerprints			
5. name the most common and how to use the Henry			

**classification
system**

Daily Lesson Plans Chapter 1--	Advanced Biology	May 14--18, 2018	Mrs. Linda Henry Unit:
PA Standards with Objectives	Activities	Evaluations	Enrichment
			<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

			<ol style="list-style-type: none">2. Word search3. Critical thinking essays4. Flashcards5. Section reviews6. Chapter reviews7. Read chapter highlights
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