

**Daily Lesson Plans
Chapters-Animal
Kingdom**

Academic Biology

May 20-24, 2019

**Mrs. Linda Henry
Unit: Animal
Kingdom**

**Standards with
Objectives**

Activities

Evaluation

Enrichments

1.

3.1.10A5—relate life processes to cellular and sub-cellular levels structures and functions

Monday
--Friday--Introduce the animal kingdom and the various phyla beginning with the simplest and progressing through to the arthropods

Introduction to the animal kingdom

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. list and explain the characteristics of the animal kingdom

Including:
handouts, review packets, etc

Annelids

Segmented worms

Adaptations for activities and tutoring:

3. define symmetry and explain the differences.

Arthropods

Amphibians

1. Concept map
2. Word search
3. Critical thinking essays

4. differentiate invertebrates from vertebrates

4. Flashcards

5. describe how the animal body has changed while it evolved to adapt to various environments

5. Section reviews

6. Chapter reviews

7. Read chapter highlights

**Daily Lesson Plans
Chapters on the
Animal Kingdom**

**Biology Laboratory
(Every other day)**

May 20-24, 2019

**Mrs. Linda Henry
Unit: Animals**

**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—ide
ntify the
advantages of
multicellularit
y in organisms**
3. **students will
analyze and
classify various
scenarios in the
classification of
life**

students view
earthworm, Crayfish
and frog anatomy

Annelids
Arthropods
Amphibian

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

Daily Lesson Plans Chapter 21--24--Diseases	Introduction to Microbiology	May 20-24, 2019	Mrs. Linda Henry Unit: common diseases in populations
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 steps in the brightfield microscope focus</p> <p>3. differentiate between resolution and refracting index</p> <p>4. explain the steps in making a smear</p> <p>5. list the steps in a simple stain</p> <p>6. list the steps in the Gram stain</p>	<p>Monday-Friday</p> <p>Begin the unit on diseases with Chapters 21 and 22.</p> <p>Notes and HW</p> <p>Each day do a part of the notes and then assign HW</p>	<p>Chapter 21 on skin and wounds</p> <p>Chapter 22 on nervous system diseases</p> <p>pages 613-614</p> <p>pages 641</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 6--Toxicology	Introduction to Forensics (B days--every other day)	May 20-24, 2019	Mrs. Linda Henry Unit:Types of drug and poison evidence
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**PA Academic
Standards with
Objectives**

Activities

Evaluations

Enrichment

1. **3,4,10.A-techno
logy and how it
impacts
scientific
endeavors**

Monday--go over
the introduction to
serology fill in the
blanks. show video

Try clinical
applications on page
24-25 in your text
for practice in higher
critical thinking
skills.

2. **3.1.10.B4—expl
ain how
technologies
have impacted
the field of
forensics.**

about detection
human blood.
Assign animal
blood lab from
google classroom

Animal blood lab

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. differentiate
between
hallucinogens,
stimulants and
depressants

Wednesday--collect
lab. Continue
discussing blood
spatter. Pass out
the article

blood spatter
article

4. explain how
drugs and
poisons are
identified in
body tissues

summary for
students to read on
google classroom.
Answer the
questions.

Friday--go over the answers and pass out the final review. Final will be May 31st. review for final

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

			<p>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 maps2. Word search3. Critical thinking essays4. Flashcards5. Section reviews6. Chapter reviews7. Read chapter highlights
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