Daily Lesson Plans Chapter 14Interactions in the Ecosystmes	Academic Biology	April 23-26, 2019	Mrs. Linda Henry Unit: Ecology
Standards with Objectives	Activities	Evaluation	Enrichments
1. 3.1.10A5—relat e life processes to cellular and sub-cellular levels structures and functions  2. assess student knowledge on evolution and natural selection 3. differentiate abiotic and biotic factors 4. list the hierarchy in ecology 5. explain the flow of energy through the food chain or web 6. explain energy, population and biomass pyramids	TuesdayFridaypa ss out the power notes and study guide for the chaptereach day, go over the section and the HW	Power notes on Chapter 14 and study guide for ch. 14  Mark recapture method of population study	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!  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 14-Interactions in the ecosystem	Biology Laboratory (Every other day)	April 23-26, 2019	Mrs. Linda Henry Unit: Ecology
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. analyze nuclear DNA and Mitochondrial DNA for crime scenes	Biome Project Students will present to their labs at the end.  Fruit flies genetics experiment when time permits	Biome Project-students will present their vacation spots with the biomes100 points	Go Online! To HMDScience.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 14Epidemiology	Introduction to Microbiology	April 23-26, 2019	Mrs. Linda Henry Unit: control of bacteria
PA Academic Standards and Objectives	Activities	Evaluations	Enrichment
3.1.10.A5—relate the life processes of cellular and subcellular structures to their function  2 list the steps in the brightfield microscope focus  3. differentiate between resolution and refracting index  4. explain the steps in making a smear  5. list the steps in a simple stain  6. list the steps in the Gram stain	TuesdayFrida ybegin Chapter 14 on public health and epidemiology. Assign HW from page 426	Hw page 426	Try clinical applications on page 24-25 in your text for practice in higher critical thinking skills.  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 highlight

	Lesson Plans ter 6Toxicology	Introduction to Forensics (B daysevery other day)	April 2326, 2019	Mrs. Linda Henry Unit:Types of class evidence
	eademic ards with tives	Activities	Evaluations	Enrichment
1.	3,4,10.A-techno logy and how it impacts scientific endeavors	Wednesdaydiscus s and take notes on the various schedule of		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.	drugspass out Forensic Worksheet for HW	Toxicology chapter notes and reading on google classroom	Adaptations for tutoring and activities:  1. Concept maps 2. Word search 3. Critical thinking
3.	differentiate between hallucinogens, stimulants and depressants	Friday-gp over worksheet and continue notes.	Forensic worksheet	essays 4. Flashcards 5. Section reviews 6. Chapter reviews
4.	list and contrast the various presumptive and confirmatory			7. Read chapter highlights

## Students will be returning on Tuesday April 23rd

	tests for drugs and poisons
5.	explain how drugs and poisons are identified in body tissues

Daily Lesson Plans Chapter 1	Advanced Biology	May 1418, 2018	Mrs. Linda Henry Unit:
PA Standards with Objectives	Activities	Evaluations	Enrichment
			Try clinical applications on page 24-25 in your text for practice in higher critical thinking skills.

	tu	aptations for oring and civities:
		1. Concept maps
		2. Word search
		3. Critical
		thinking
		essays
		4. Flashcards
		5. Section
		reviews
		6. Chapter
		reviews
		7. Read chapter
		highlights