ARC Week at Glance: Biology (Ms. West)

Topic: Stability & Change in Population Over Time **Course:** Biology **Grade: 10** **Dates: Aug 26 - 30**

	Learning Target (I am learning about…)	Criteria for Success (I can…)	Activation/ Instruction	Collaboration/ Guided Practice	Independent Learning/ Assessment
			*(Include at least one/two formatives*in any part of the lesson as needed)*		
Monday	I am demonstrating understanding of Unit 1A	I can • Answer MCQs in EOC style to demonstrate mastery of characteristics of life, Viruses, Bacteria, and Antibiotic and/or Pesticide Resistance	Math Monday Do Now Question	Begin working on Natural Selection Gizmo when test is completed	Unit 1A Midpoint Test – Characteristics of Life, Viruses, Bacteria, Bacterial Resistance Decoding MCQs/Reading Question Prompts/Answer Choices to prepare for EOC level questions
Tuesday	I am learning about natural selection.	I can • use natural selection vocabulary correctly • collect peppered moth data using Gizmo • explain natural selection of peppered moths	Test Prep Tuesday Do Now – CER	*Relocation to Media Center due to school picture day* Natural Selection Vocabulary Practice Sheet Natural Selection Gizmo	Natural Selection Gizmo – reading Gizmo instructions and writing responses to prompts on student handout

Wednesday	I am learning about genetic drift and speciation	I can … • collect and analyze data to explain how beaks/mouth pieces adapt/evolve based on food sources • explain the processes of genetic drift • explain the process of speciation	WIS WIM Do Now – Summary Sentences & Question Writing	Bird Beak Natural Selection Lab Data Collection – reading and following procedures to collect data for various bird beaks	Bird Beak Natural Selection Data Analysis (calculating mean values)
Thursday	I am learning about graphing data sets and writing justifiable conclusions about natural selection.	I can … • collect and analyze data to explain how beaks/mouth pieces adapt/evolve based on food sources • explain the processes of genetic drift • explain the process of speciation	Throwback Thursday Do Now – MCQ with justification of answers	Bird Beak Natural Selection Graphing – Guide students through expectations when graphing data (Title, X & Y axis, Labels, Units, Scale, etc.) – and conclusion writing	Natural Selection Lab Assessment Check: Peppered Moths Gizmo & Bird Beak Lab Assessment Check
Friday	I am learning about mechanisms of evolution	I can … • model the mechanisms of evolution using sticky note populations • explain the model using evolution vocabulary terms	FRQ Friday Do Now – Free response construction & self-assessment of answer	Evolution Mechanisms with Sticky Notes Data Collection (Day 1 of 2) – reading and following directions to model various scenarios with sticky note populations	TOTD: Data Turn and Talks

Literacy Tasks Minor Assessment Major Assessment