

BIOLOGY; CHAPTER 2: *Populations 2017*

DATE	ACTIVITY/ASSIGNMENT
10/03	Purpose: Begin Chapter 2: Lecture on section 2.1; <i>Population are made of individuals</i> Outcome: HMK 2.1/2.3: Part A (all); and GET PERMISSION SLIP SIGNED!
10/04 - 10/05 (Minimum Day)	Purpose: Lecture on 2.1 - 2.3; <i>Factors that Determine Population Size</i> Outcome: HMK 2.1/2.3: Parts B and C (worth 2 stamps); and GET PERMISSION SLIP SIGNED! OPEN HOUSE on Thursday, October 5th
10/06	Purpose: To evaluate student understanding of sections 2.1 - 2.3 Outcome: Quiz 2.1/2.3 TODAY! Assess quiz results for possible remediation;
10/09	Purpose: Intro. To Field Studies: Learn about the job of a field biologist as you look for examples of biological principles in the field. 3 consecutive days outside starting tomorrow! Outcome: Chaparral Laboratory Study – the Fall; HMK: (Wear comfortable shoes tomorrow!)
10/10 – 10/13	Purpose: Look for examples of biological principles in the field and make interpretations of observations. Outcome: Chaparral Laboratory Study- due on Wednesday OCTOBER 18th; beginning of class! <i>*Early bird special applies until the end of class on 10/17/17!</i>
10/16 – 10/17	Purpose: Cont. working in field groups on Field Study Project using classroom supplies and computers Outcome: Chaparral Laboratory Study – the Fall <i>*Early bird special applies until the end of class on 10/17/17!</i>
10/18	Chaparral Laboratory Study- due TODAY! Purpose: Lecture on section 2.4; <i>Biotic and Abiotic Factors Influence Population Size</i> Outcome: HMK 2.4/2.7: Part A
10/19	Purpose: Lecture 2.5 - 2.6; <i>Population Fluctuate and Spread to Other Areas</i> Outcome: Distinguish between patterns of population growth; <i>J and S curves</i>
10/20	Purpose: Lecture on 2.7; <i>Barriers Can Prevent Dispersal</i> Outcome: Population Biology Graphical Analysis Activity; and HMK 2.4/2.7: Parts B and C
10/23	Purpose: Finish lecture on 2.7; <i>Humans Can Influence Dispersal</i> Outcome: HMK 2.4/2.7: Part D
10/24	Purpose: To evaluate student understanding of sections 2.4 - 2.7 Outcome: Quiz 2.4/2.7 TODAY - Bring a CALCULATOR! Assess quiz results for possible remediation;
10/25 - 10/27	Purpose: To study organisms and their relationships within their environment Outcome: Owl Pellets & Population Dynamics – A Dissection Lab
10/30	Purpose: Lecture on section 2.8; <i>Few Barriers Prevent Human Dispersal</i> Outcome: Demo- Apple Earth Discussion. HMK 2.8/2.12: Part A #1-3
10/31	Purpose: <i>Understanding world human population growth, and data analysis</i> Outcome: Human World Population Lab - Bring a CALCULATOR; HMK: finish the human population graph
11/01	<i>Minimum Day; Purpose: Understanding world human population growth, and data analysis</i> Outcome: cont. Human World Population Lab - Bring a CALCULATOR!
11/02	Human World Lab - due today! Purpose: cont. lecture on section 2.9 – 2.10; <i>The Earth's Carrying Capacity Is Limited</i> Outcome: HMK 2.8/2.12: Part A #4-6
11/03	Purpose: cont. lecture on section 2.11-2.12; <i>Uneven Food Distribution Leads to Famine</i> Outcome: HMK 2.8/2.12: Part B
11/06	Purpose: Evaluate lecture notebook for chapter 2! Review for Exam #2 Outcome: Lecture notebook for chapter 2 review, and stamped HMK Packet for Chapter 2 due for credit!
11/07	Purpose: EXAM #2: Lecture notebook and stamped HMK Packet for Chapter 2 due for credit! Outcome: Assess exam results for possible remediation

