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| Teacher: Y. Abrams | Course: AP Biology | Period(s): 2 | Week of: / Dates: 01/15 – 01/19 |
| Unit Title: Interactions/Homeostasis | |  |  |
| State Standards: AP College Board Big Idea 4/2 | |  |  |

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|  | Standards | Goals | As a result of this lesson the student will be able to: | Instructional Plan | Activities (aligned, sequenced, build, time) | Student Work | (Thinking & Problem Solving, Real World) | Assessment | (aligned, rubrics, >2, written) | Grouping Method | Materials | Accommodations (IEP, 504, ESOL) |
| **Monday** |  |  | | NO SCHOOL- MLK DAY | |  | |  | |  |  |  |
| **Tuesday** | EK 2.C.1  LO 2.15  LO 2.16 | Justify a claim made about the effects on a biological system at the molecular, physiological, or organismal level when given a scenario in which one or more components within a negative regulatory system is altered. Connect how organisms use negative feedback to maintain homeostasis. | | Warm-up question (10 min.)  Feedback mechanisms notes (45 min.)  Feedback mechanisms practice problems (30 min.)  Exit slip (5 min.) | | Warm-up question response applying class content.  Discuss negative feedback mechanisms.  Complete application problems. | | Warm-up response rubric  Multiple-choice and short response test. | | Individual work  Group instruction | AP Biology textbook  Handouts  SMARTBOARD | N/A |
| **Wednesday** | EK 2.C.1  LO 2.17  LO 2.18 | Evaluate data that show the effects of change in concentrations of key molecules on negative feedback mechanisms. Make predictions about how organisms use negative feedback to maintain homeostasis. | | Ch. 44 study guide | | Report to media center to complete study guide (EOC testing) | | Ch. 44 study guide results | | Individual work | AP Biology textbook  Handouts | N/A |
| **Thursday** | EK 2.D.2 LO 2.27 | Connect differences in the environment with the evolution of homeotic mechanisms. | | Warm-up question (10 min.)  Reading quiz (15 min.)  Excretory notes/study guide (60 min.)  Exit slip (5 min.) | | Warm-up question response applying class content.  Discuss excretory systems of various organisms. | | Warm-up response rubric  Multiple-choice and short response test. | | Individual practice  Group practice | AP Biology textbook  Handouts  SMARTBOARD | N/A |
| **Friday** | EK 2.D.1 and 2.D.2 | Discuss control of dynamic homeostasis. | | First semester exam | | Complete semester exam. | | Exam results. | | Individual practice | AP Biology textbook  Handouts | N/A |

\* All plans are subject to change. Student progress will be monitored and adjustments will be made.