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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.1LO 2.15LO 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 rubricMultiple-choice and short response test. | Individual workGroup instruction | AP Biology textbookHandoutsSMARTBOARD | N/A |
| **Wednesday** | EK 2.C.1LO 2.17LO 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 textbookHandouts | 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 rubricMultiple-choice and short response test. | Individual practiceGroup practice | AP Biology textbookHandoutsSMARTBOARD | 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 textbookHandouts | N/A |

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