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| Teacher: Y. Abrams | Course: AP Biology | Period(s): 2 | Week of: / Dates: 10/9 – 10/13 |
| Unit Title: Ecology | |  |  |
| State Standards: AP College Board Big Idea 4 | |  |  |

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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** | EK 4.A.5  LO 4.13 | Predict the effects of a change in the community’s population on the community. | | Complete biome graphic organizer. (Substitute teacher present.) | | Organize information. | |  | | Individual practice | AP Biology textbook  Handouts | N/A |
| **Tuesday** | EK 4.B.3  LO 4.19 | Use data analysis to refine observations and measurements regarding the effect of population interactions on patterns of species distribution and abundance. | | Warm-up question (10 min.)  52.4 notes (25 min.)  Begin biome projects (50 min.)  Exit slip (5 min.) | | Warm-up question response applying class content.  Research information to be presented as a multi-dimensional project. | | Warm-up response rubric  Informal assessment during discussion by questioning and student summaries  Project rubric | | Individual practice  Whole group | AP Biology textbook  Powerpoint presentation  Handouts  COW | N/A |
| **Wednesday** | EK 4.A.5  LO 4.13 | Predict the effects of a change in the community’s population on the community. | | PSAT | |  | |  | | Individual practice  Whole group | AP Biology textbook  Powerpoint presentation  Handouts | N/A |
| **Thursday** | EK 4.B.3  LO 4.19 | Use data analysis to refine observations and measurements regarding the effect of population interactions on patterns of species distribution and abundance. | | Warm-up question (10 min.)  4.B.3 notes (35 min.)  Solve population growth problems (40 min.)  Exit slip (5 min.) | | Warm-up question response applying class content.  Practice logistical and exponential growth problems. | | Warm-up response rubric  Informal assessment during discussion by questioning and student summaries | | Individual practice  Whole group | AP Biology textbook  Powerpoint presentation  Worksheets | N/A |
| **Friday** | EK 4.B.3  LO 4.19 | Use data analysis to refine observations and measurements regarding the effect of population interactions on patterns of species distribution and abundance. | | Warm-up question (10 min.)  Vocabulary quiz (15 min.)  Work on biome project (60 min.)  Exit slip (5 min.) | | Warm-up question response applying class content.  Research information to be presented as a multi-dimensional project.  HW: Read 53.4 and 53.5 | | Warm-up response rubric  Multiple choice and free response quiz  Informal assessment during discussion by questioning and student summaries | | Individual practice  Whole group | AP Biology textbook  Powerpoint presentation  Worksheets | N/A |

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