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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.5LO 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 textbookHandouts | N/A |
| **Tuesday** | EK 4.B.3LO 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 rubricInformal assessment during discussion by questioning and student summariesProject rubric | Individual practiceWhole group | AP Biology textbookPowerpoint presentationHandoutsCOW | N/A |
| **Wednesday** | EK 4.A.5LO 4.13 | Predict the effects of a change in the community’s population on the community. | PSAT |  |  | Individual practiceWhole group | AP Biology textbookPowerpoint presentationHandouts | N/A |
| **Thursday** | EK 4.B.3LO 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 rubricInformal assessment during discussion by questioning and student summaries | Individual practiceWhole group | AP Biology textbookPowerpoint presentationWorksheets | N/A |
| **Friday** | EK 4.B.3LO 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 rubricMultiple choice and free response quizInformal assessment during discussion by questioning and student summaries | Individual practiceWhole group | AP Biology textbookPowerpoint presentationWorksheets | N/A |

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