**Middle School STEM Science Lab/Activity Planner**

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| Name of Lab/Activity: Get Me To The Lake On Time Game: Native Fish Version | | | Grade: 7 |
| California Science Standard(s):  3.c: Students know how independent lines of evidence from geology, fossils, and comparative anatomy provide the bases for the theory of evolution.  3.d: Students know how to construct a simple branching diagram to classify living groups of organisms by shared derived characteristics.  3.e: Students know that extinction of a species occurs when the environment changes and the adaptive characteristics of a species are insufficient for its survival.  4.f: Students know how movements of Earth’s continental and oceanic plates through time, with associated changes in climate and geographic connections, have affected the past and present distribution of organisms. | | | |
| Learning Objective/Goal: Understand how human activities and invasive species are currently contributing to a new mass extinction and relate this to mass extinctions from the past. | | | |
| Language Objective/Goal: (based on California Common Core Standards) | | | |
| Materials & Resources: Get Me to the Lake On Time! Game board, cards, directions, game pieces, one die, and fish facts sheets | | | |
| Procedure:  Play the game as described in the instructions. Can play whole class or groups of 2-8 players. | | Teaching Notes: (include timing) | |
| Math Connection: | | Teaching Notes: | |
| Technology Extension of Learning: | | Teaching Notes: | |
| Formative Assessment: (please attach a copy) | | Teaching Notes: | |
| Strategies for EL and Special Needs Students: | | Vocabulary:  genus  species  conservation status | |
| Alignment in science unit: (Brief description of lessons taught **prior to & after** this lab/activity) | | | |
| Brief description of lessons taught **after** this lab/activity: | | | |
| Lab/Activity adapted from:  Josie Burton’s Get Me to the Lake On Time! Game | Formative Assessment adapted from: | | |
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| This lesson was developed by: | | | |
| Teacher’s Name | Currently Teaching at: (School & District) | | |
| Josie Burton | Ocala/Alum Rock | | |
| Larry McMullen |  | | |
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