

## AQUARIUM EDUCATOR (2493)

### Task list

1. Observes, conducts, and teaches aquarium related classes for schools and public audiences in classrooms and various outdoor settings including boats, beaches and shorelines in the Greater Los Angeles area.
2. Discusses class presentations with teachers, students and staff to evaluate and modify programs such as classroom and field experiences to conform to professional educational standards for grade levels, state education frameworks and special needs.
3. Interacts with aquarium curators, program assistants, teachers, school personnel, and school and public audiences to adapt programs suited to a diverse audience, including those with special needs such as limited English speaking ability, visual or hearing impairments, and learning or other disabilities.
4. Develops programs in classrooms (interactive, hands-on, and inquiry based) and field settings for "at risk" students who may not decide to continue with their schooling and/or to learn about science due to limited economic and/or educational opportunities.
5. Modifies and adapts class outlines, handouts, and demonstration techniques, such as lesson plans, scripts and PowerPoints for student activities using Microsoft Word and PowerPoint Presentations to be submitted to the Curator of Education and Programs Director in order to determine the required use of the aquarium's facility and to provide a comprehensive educational experience for students.
6. Works toward the goal of improving the aquarium's marine science education programs with special attention to practical classroom applications and alignment to the California State science education framework and Next Generation Science Standards.
7. Creates written lesson plans and curriculum adaptations for special audiences such as classrooms, summer camps, educator workshops, special tours and field experiences in order to provide special demonstrations and training materials. .
8. Leads students and volunteers in conservation and research projects, both in the laboratory and in the field.
9. Brings actual aquaria and specimens from the aquarium into classrooms to show to students and to use as instructional aids as part of the marine science education program.
10. Organizes and cares for laboratory, classroom, field equipment and specimen collections both preserved and live- such as microscopes, binoculars, av equipment and touch tanks.
11. May work with volunteers and appropriate agencies to care for selected outdoor resources of Cabrillo Coastal Park.
12. Supervises, trains, and coordinates the activities of part-time education staff and volunteers.
13. Assists Curator of Education in the development of grant proposals for continuation of special programs.
14. Supervises Aquarium Educators when requested by the Curator of Education or Programs Director.
15. Implements training or other programs in order to meet technological and/or educational policy changes such as new equipment, and new state mandated science standards.