



**MATH/SCIENCE NUCLEUS**  
**4074 Eggers Drive**  
**Fremont, California 94536**  
510) 790-6284 fax (510) 790-6089  
msn@msnucleus.org; <http://msnucleus.org>



January 7, 2017

To: Alameda County Fish and Wildlife Commission ([admin@alamedawildlife.org](mailto:admin@alamedawildlife.org))

RE: Final Report

The Math Science Nucleus has completed its obligation of the \$7000 grant received in early 2017 from the Fish and Wildlife Propagation Fund for 10 family days on fresh water fish and their ecology at Tule Ponds at Tyson Lagoon and to provide 5 additional field trips for fifth grade classes in Alameda County (150 students).

All components of the grant were fulfilled.

Thank you for offering this grant.

Sincerely,

Joyce R. Blueford, Ph.D.  
Board President

# FISH DAYS AT TULE PONDS

## Final Report

### Math Science Nucleus (2017) \$7000.00

The Math Science Nucleus received \$7000.00 grant from Alameda County Fish and Game to sponsor 10 family days on fresh water fish and their ecology at Tule Ponds at Tyson Lagoon and to provide 5 additional field trips for fifth grade classes in Alameda County (150 students). This proposal was an extension of materials we developed in a previous grant but was redesigned for families so parents and children can learn more about keeping aquatic environment clean. We advertised using Eventbrite and our own server. We had a limit of 25 people per day, with a total of 250 people. The field trips for 5<sup>th</sup> grade were complete in Nov (8.9,14,15,16) with 5 classes from Forest Park Elementary in Fremont. We also make an electronic app for parents to use on their smartphone (android) and their laptop on fresh water fishes at Tule Ponds. It compares native with non native species.



#### DESCRIPTION

Fish Days were scheduled for 10 days during the summer and fall at Tule Ponds at Tyson Lagoon. Before we started the program we created Fish activities that would allow parents to reinforce the principles we went over. The app can be used on a computer or on an android. It can be downloaded from the following online link:

[http://msnucleus.org/watersheds/tule/events/fish\\_days.html](http://msnucleus.org/watersheds/tule/events/fish_days.html)



This project also benefits fish and wildlife education in Alameda County by instructing teachers when they bring their class for a field trip on the importance of fish and other organisms to the food chain, whether they are native or non-natives. The field trip itself shows students a real life restoration project that involves not only fish but all wildlife.

# FISH DAYS



## Tule Ponds at Tyson Lagoon,

**Sponsored by Math Science Nucleus**

**Funding from Alameda Fish and Game Commission  
Alameda County Flood Control and Conservation District**

Learn about fresh water fish that are found in local ponds and rivers. Games show native and non native fish and how they arrived at Tule Ponds. Comparing fishing ponds for people versus fishing ponds for wildlife. Who eats who of life under the water. Learn how the early peoples of area went fishing as well as the science behind lures. These are meant for a family outing to enjoy Tule Ponds and to learn more about native and non native fish. Ideal for families with elementary



**FREE:** Registration required.

Space limited (25 per session). Fun, educational and fishy!

**Where:** Tule Ponds at Tyson Lagoon  
1999 Walnut Ave, Fremont

### Dates and Times:

July 8, Sat 9:30 am– 12:00  
July 27, Thurs 9:30 am– 12:00  
Aug 4, Fri 9:30 am– 12:00  
Aug 12, Sat 9:30 am– 12:00  
Sept 9, Sat 9:30 am– 12:00  
Oct 21, Sat 1-3:30 pm  
Oct 28, Sat 1-3:30 pm  
Nov 4, Sat 1-3:30 pm



Register online or call  
(510) 790-6284



### Math Science Nucleus

4074 Eggers Drive  
Fremont, California 94536  
(510)790-6284  
[msn@msnucleus.org](mailto:msn@msnucleus.org)  
<http://msnucleus.org> click  
“classes”