

RPTC Grant Application 2022 - Entry #3387

Date

01/18/2024

Application is for:

Organization: Limited to 50% of Project Funds, \$500 Cap

Grant Requestor Name

Jake Huynh

Grant Requestor Title

Student

Organization Name

Mt. Carmel High School

Organization/Grant Requestor Address

9550 Carmel Mtn. Rd.
San Diego, CA
92129
US

Grant Requestor Phone

+18583718458

Grant Requestor Emailjakehuynh734@gmail.com**Are you under 18?**

Yes

Advisor

John Earnest

Advisor Emailjearest@powayusd.com**Advisor Phone**

+18587226795

Organization Grant amount requested from RPTC Not to Exceed 50% of Total Funds - Maximum \$500

Selected Value: \$500 (0 min / 500 max)

Event of Project Completion Date:

06/06/2024

Make check payable to

Mt. Carmel High School ASB Amateur Radio Club

What is your proposed project/event/activity the grant will be used for?

The MCHS Amateur Radio Club routinely launches balloons with radio sondes. We retrieve and reprogram National Weather Service weather balloon sondes to transmit on the 70cm ham band. We will use the grant to purchase helium gas and new weather balloons. Our club members do balloon launches during school hours as well as on weekends. We are learning and demonstrating many aspects related to radio technology, and atmospheric phenomena.

How will your project benefit Rancho Penasquitos or a significant sized group within our community or otherwise fill a great need in Rancho Penasquitos? When will your project be completed? Do you agree to submit photos and videos to the RPTC

The MCHS amateur radio club has over 30 members. We are involved in many aspects of amateur radio. The balloons that we launch give students a hands-on experience in the engineering design process. This particular project is ongoing throughout the school year. We will be glad to submit photos and videos to the RPTC.

Is there anything else you'd like the RPTC Board to consider?

We are interested in teaming up with other schools and community groups to advance amateur radio. We feel that the balloon launches are a way of bringing people in to ham radio.

Location

San Diego, California
US, 92127
33.0287, -117.0846