



Contra
Costa
County

To: Board of Supervisors
From: Alison McKee, County Librarian
Date: September 7, 2021

Subject: Keller Canyon Landfill Mitigation Fund Grant for \$10,000

RECOMMENDATION(S):

APPROVE and AUTHORIZE the County Librarian, or designee, to apply for and accept a grant in the amount of \$10,000 from Keller Canyon Landfill Mitigation Fund to provide Google Cardboard VR kits to the community and other STEAM-oriented programming for the Bay Point Library for the period of August 2021 through June 2022.

FISCAL IMPACT:

No Library Fund match.

BACKGROUND:

The Keller Canyon Landfill Mitigation Fund (KCMF) process was established in August 1992, and funds are used to mitigate effects of the landfill site by funding community-based organizations and County Departments for programs in the following areas: youth services, code enforcement, community beautification, public safety, and community services.

In previous years, the Bay Point Library received KCMF funds to purchase Google Expeditions kits, which enable patrons to explore the world virtually and to bring abstract concepts to life. Students use the platform

☒ APPROVE

☐ OTHER

☒ RECOMMENDATION OF CNTY
ADMINISTRATOR

☐ RECOMMENDATION OF BOARD
COMMITTEE

Action of Board On: **09/07/2021** ☒ APPROVED AS RECOMMENDED ☐ OTHER

Clerks Notes:

VOTE OF SUPERVISORS

AYE: John Gioia, District I Supervisor
Candace Andersen, District II Supervisor
Diane Burgis, District III Supervisor
Karen Mitchoff, District IV Supervisor
Federal D. Glover, District V Supervisor

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: September 7, 2021

Monica Nino, County Administrator and Clerk of the Board of Supervisors

By: Laura Cassell, Deputy

Contact: Walt Beveridge
925-608-7730

cc:

BACKGROUND: (CONT'D)

to peruse collections of 360° scenes and 3D objects, discovering interesting sites and artifacts along the way. Expeditions explore history, science, the arts, and the natural world. Due to COVID-related restrictions on social distancing and in-person library programming, the Library has restructured the program to include the use of Google Cardboard VR kits; should the Library's KCMF request be approved, grant funds would be used to purchase the Google Cardboard kits.

The original kits purchased in prior funding cycles will still be used for library programming, library outreach, demonstrations, and by educators who want to use this technology in a small classroom setting (10 to 20 students at a time), with Google Cardboard kits distributed to students following the demonstrations. Purchase and distribution of the inexpensive Google Cardboard VR kits enables patrons to continue to utilize the Google Expeditions open technology platform from their own homes, through the use of the cardboard viewers and their own smartphones.

The Library also has included a request for KCMF funding to support STEAM programming using virtual reality at this location, including the purchase of 3D printers, electronics and maker kits, as well as instructors for STEAM programming. Programming will include instruction on how students can peruse collections of 360° scenes and 3D objects, and explore history, science, the arts, and the natural world.

The Bay Point Library is located in the Riverview Middle School and serves many middle school students. The library's small staff and the students would benefit from the purchase of the Google Cardboard VR Kits and would be able to offer STEAM-focused after-school programming that is "minimal setup for maximum impact."

CONSEQUENCE OF NEGATIVE ACTION:

If this proposal is not approved, Bay Point Library will not be able to offer STEAM-focused afterschool programming and school-break workshops using Virtual Reality, 3D Printing, Coding, Engineering, Historical and Cultural Exploration, Digital Literacy, Problem Solving, Ideation, and Entrepreneurship.

CHILDREN'S IMPACT STATEMENT:

This project supports the community outcome of "children ready for and succeeding in school."