CALIFORNIA STATE LIBRARY
LIBRARY SERVICES AND TECHNOLOGY ACT (LSTA)
FISCAL YEAR 2016/2017 PITCH-AN-IDEA GRANT APPLICATION

ELEMENT 1: BASIC INFORMATION (please see application instructions for additional information)

Applicant Information

1. Library/Organization
   Friends of the Mariposa Library

2. Library’s DUNS Number
   966505666

3. Project Coordinator Name & Title
   Karen Dusek, Janet Chase-Williams

4. Email Address
   karen.dusek@mariposalibrary.org

5. Business Phone Number
   209-966-2140

6. Mailing Address
   PO Box or Street Address
   P.O. Box 1447
   City
   Mariposa
   State
   CA
   Zip
   95338

Project Information

7. Project Title
   Green STEAM

8. LSTA Funds Requested
   $14,000

9. Cash Contributions
   $2,000

10. In-Kind
    $17,878

11. Total Project Cost
    $33,878

12. California’s LSTA Goals (Check one goal that best describes the project)

   - Literate California
   - Content Creation/Preservation
   - Community Connections
   - 21st Century Skills
   - Bridging the Digital Divide
   - Ensuring Library Access for All
   - 22nd Century Tools
   - Information Connections

13. Number of persons served (Number of persons who use or will benefit directly from this project)
    400

14. Primary Audience for project (Select all that apply.)

   - Adults
   - Families
   - Immigrants/Refugees
   - Intergenerational Groups (Excluding Families)
   - Library Staff, Volunteers and/or Trustees
   - Low Income
   - Non/Limited English Speaking Persons
   - People with Disabilities
   - People with Limited Functional Literacy
   - Pre-School Children
   - Rural Populations
   - School Age Children
   - Senior Citizens
   - Statewide Public
   - Suburban Populations
   - Unemployed
   - Urban Populations
   - Young Adults and Teens

15. This signature certifies that I have read and support this LSTA Grant Application.

   Library Director Name: Kathleen Ann Bratt
   Title: Treasurer, Mariposa FOL

   Mailing Address
   (if different from above)
   4550 Royal Oaks Court
   City
   Mariposa
   Zip
   95338

   Library Director Signature: [Signature]
   Date: 6-2-16
ELEMENT 2: PROJECT BACKGROUND AND SUMMARY

Describe how this project was identified as a need, how it relates to your library’s strategic plan, what will be accomplished if this project is implemented, and how you will know whether your project is successful. Summary should relate to activities in the timeline (Element 4) and include statistical info to support the project.

Mariposa County, located in the foothills of Central California, includes several small, unincorporated communities and Yosemite National Park within its 1,463 square mile boundary. There is a spirit of independence among residents, many of whom have no television or computers in their homes, but they also possess a strong sense of community pride. Cultural and intellectual activities are somewhat limited with the closest college, movie theater, art museum and shopping center an hour or more away for most residents. Recent drought conditions, resulting in the death of thousands of Ponderosa pines and the loss of wells, in addition to the imminent closure of the county landfill and an unemployment rate significantly higher than the state average, have led many people to seek out information about pursuing a more sustainable lifestyle.

The Library and its branches are important centers of community activity, helping to fill the cultural and intellectual gap by offering a variety of services, including adult literacy and homebound delivery, in keeping with its mission of "supporting lifelong learning and knowledge for all the residents and visitors of Mariposa County" and "enriching the lives of all users by meeting the informational, recreational, self-educational and cultural needs of the community." The Library also prides itself in promoting a sustainable vision for the future. In collaboration with the County DPW, paper & batteries are collected and recycled. A staff member sits on the Solid Waste Task Force and the Health & Wellness Task Force, and numerous other sustainable practices are followed in accordance with our Draft Sustainability Plan (see attachments).

Our project, dubbed Green STEAM, is directly related to both the mission statement and the sustainability plan (there is no strategic plan) in that it will provide opportunities for intellectual growth, self-education and creative exploration by setting up a weekly "green" makerspace in the library meeting room. Participants will work with low-impact and used, rather than virgin, materials donated by local thrift stores, the County recycling center and the library, itself. Filament for a 3D printer will be made with an extruder from discarded PLA (plant-based plastic) items provided by the Yosemite NP concessionaire. The Sen. Library Asst. working with this project was the former County Recycling Coordinator.

Monthly workshops focusing on specific, locally relevant themes, such as gardening; fashion and textiles, green housekeeping; low impact holiday celebrations; water conservation; forestry management; food & nutrition; solid waste & recycling; communications/entertainment; pets & livestock; and sustainable energy will be taught by local artists and experts and will be both informational and interactive with projects based on the themes, such as making a mini-greenhouse, writing an article on sustainability for publication or broadcast; restyling a worn article of clothing, making safe cleaning products, creating junk art costumes and designing log art. The first workshop will introduce sustainability and the makerspace concept. The workshops will touch on each of the STEAM components (science, technology, engineering, art and math). A story hour and age-appropriate project based on the theme and led by a volunteer will be available for young children while their parents attend the workshops. Two workshops will be presented at the El Portal and Red Cloud branches (4 total) in addition to those held in Mariposa. The workshops will help us meet one of our adult literacy goals of increasing awareness of current events, focusing on community problem solving and individual action.

The staff and volunteers will be taught to operate equipment, and a volunteer will monitor use of the makerspace and answer questions. Participants will learn proper use of the equipment during the monthly workshops. Books, DVDs and other resource materials related to the themes will be available for checkout, as well as some equipment and tools so that participants can finish projects at home that they start at the makerspace. A Green STEAM Fair will be held to allow participants, local students and others to display and/or sell their work and share their ideas. (The former Recycled Craft Fair has laid the groundwork.) Other marketing opportunities, such as craft and art stores and on-line sales, will also be explored during the workshops. Some products may be eligible to be sold under the new "Made in Mariposa" label being promoted by the local Chamber of Commerce.

Mariposa Library staff have already begun a list of potential workshops and presenters based on topics relevant to the local population. The next step will be to confirm presenters, volunteer monitors and story time presenters and a schedule. Equipment and relevant books and DVDs will then be purchased, staff and volunteers trained and a check-out system for equipment created. Donations of used materials will be procured as they are needed. The program will be publicized in local and regional media, on the Library's website and Facebook page, and through fliers and brochures.

This project will be successful if participants say they developed skills and gained knowledge that they can use to create positive personal and social change, in addition to increasing their income producing potential.
ELEMENT 3: PLANNING AND EVALUATION

Please answer each area concisely and completely. For section A-F limit to four pages.

A. Project Intent (Check only one that best describes the project)
   - Lifelong Learning
     □ Improve users’ formal education
     □ Improve users’ general knowledge and skills
   - Information Access
     □ Improve users’ ability to discover information
     □ Improve users’ ability to obtain information resources
   - Institutional Capacity
     □ Improve the library workforce
     □ Improve the library’s physical and technology infrastructure
     □ Improve library’s operations
   - Economic & Employment Development
     □ Improve users’ ability to use resources and apply information for employment support
     □ Improve users’ ability to use and apply business resources
   - Human Services
     □ Improve users’ ability to apply information that furthers their personal, family, or household finances
     □ Improve users’ ability to apply information that furthers their personal or family health & wellness
     □ Improve users’ ability to apply information that furthers their parenting and family skills
   - Civic engagement
     □ Improve users’ ability to participate in their community
     □ Improve users’ ability to participate in community conversation around topics of concern

B. Project Purpose – Short statement which answers the questions: we will do what, for whom, for what expected benefit(s).
   This project will offer people of all ages and abilities opportunities to become more knowledgeable about sustainable living through interactive monthly workshops and to apply their knowledge and develop their creativity through participation in a weekly makerspace that will encourage use of used, recyclable, low-impact or otherwise sustainable materials.

C. Anticipated Project Outputs – Measures of services and/or products to be created/provided.
   • 11 monthly workshops will be held at the Mariposa Library.
   • A makerspace will be open for public use on Saturdays (except during semi-annual book sales).
   • A Green STEAM fair will be held with at least 50 people taking part with booths, displays and presentations and a minimum of 400 people attending.
   • Two workshops will be held at the El Portal Library and two at the Red Cloud Library (total of 4).
   • 11 children’s STEAM story times with a project will be held at the Mariposa Library.
   • A minimum of 20 people will attend workshops.
   • At least 10 people will use the makerspace each week and/or check out equipment.

D. Anticipated Project Outcome(s) – What change is expected in the target audience’s skills, knowledge, behavior, attitude, and/or status/life condition? How will you measure these outcomes? (for examples see attachment B of the application instructions)
   A voluntary survey will be used to determine the following outcomes:
   • A minimum of 60% of workshop attendees will say they learned something useful about sustainable living that they can put into practice.
   • A minimum of 60% of patrons of the weekly makerspace will say that participation benefited them in some way (i.e., learning a new skill, being able to use equipment they would otherwise not have had access to, selling a product they created, etc.)
80% of staff and volunteers will have learned new technical and/or mechanical skills required to operate the 3D printer and other makerspace equipment.

E. Briefly describe how this project will be financially supported in the future.

Since materials for this project will be recycled/reused, there will be a never-ending supply. Volunteers and staff will present workshops and help maintain equipment. Monetary donations may be requested of participants to help pay for consumable supplies, such as glue and nails. Donations of actual supplies and services, such as equipment maintenance, may also be requested. Booth fees and proceeds from a raffle at the Green STEAM Fair will also be used to perpetuate the project.

F. Activity Information. Activities are action(s) through which the intent or objective of a project are accomplished. Four activity types have been identified, each with select methods to help you describe how you will carry out this project. Indicate activity types that require a significant commitment of resources to the project (representing 10% or more of total project resources).

1. ☑ Instruction - Involves an interaction for knowledge or skill transfer and how learning is delivered or experienced. (Check all that apply and provide a description including whether the format will be in-person, virtual, or both)
   - Program - Formal interaction and active user engagement (e.g., a class on computer skills).
   - Presentation - Formal interaction and passive user engagement (e.g., an author’s talk).
   - Consultation - Informal interaction with an individual or group of individuals (library staff or other professional) who provide expert advice or reference services to individuals, units, or organizations.
   - Other

   Description: Volunteers will train staff and other volunteers on use and maintenance of the extruder, 3D printer and other equipment. Local experts will present monthly workshops at the Mariposa Library with ideas for individual and community solutions to a topic, such as energy use, followed by a slide show of art work and/or products related to the topic, for example, solar or wind powered machines. Participants will then learn proper use of tools and techniques required for the project portion of the workshop, for example, constructing a solar powered toy car. These projects will be taught by either the presenter or a staff member. Discussions in each workshop will touch on the five components of STEAM and suggestions for further investigation will be offered.

   A volunteer or staff member will read books to children, do activities and lead a project related to the monthly theme during story time, which will be held while the workshops are in session to give parents a chance to take part without disruption. Presentations by program participants and others will be held during the Green STEAM Fair. These may include demonstrations and/or hands-on activities. A trained volunteer will be present when the makerspace is open to answer questions or provide instruction on the use of equipment. Two workshops will also be held at the Greeley Hill and El Portal branches (total of 4) in which similar instruction will take place.

2. ☑ Content - Involves the acquisition, development, or transfer of information and how information is made accessible. (Check all that apply and provide a description including whether the format will be physical, digital, or both)
   - Acquisition - Selecting, ordering, and receiving materials for library or archival collections by purchase, exchange, or gift, which may include budgeting and negotiating with outside agencies (i.e. publishers, vendors) to obtain resources. May also include procuring software or hardware for the purposes of storing and/or retrieving information or enabling the act of experiencing, manipulating, or otherwise interacting with an information resource.
   - Creation - Design or production of an information tool or resource (e.g., digital objects, curricula, manuals). Includes digitization or the process of converting data to digital format for processing by a computer.
Description - Apply standardized descriptive information and/or apply such information in a standardized format to items or groups of items in a collection for purposes of intellectual control, organization, and retrieval.

Lending - Provision of a library’s resources and collections through the circulation of materials (general circulation, reserves). May also refer to the physical or electronic delivery of documents from a library collection to the residence or place of business of a library user, upon request.

Preservation - Effort that extends the life or use life of a living or non-living collection, the individual items or entities included in a collection, or a structure, building or site by reducing the likelihood or speed of deterioration.

Other

Description: Library staff will order and catalog books, DVDs and other resource materials related to the workshop themes for the library collection. Staff will also assist with planning and preparing projects for the monthly workshops, including developing a checkout system for equipment, writing detailed guidelines for use of the makerspace and preparing handouts.

3. Planning & Evaluation - Involves design, development, or assessment of operations, services, or resources and when information is collected, analyzed, and/or disseminated. (Check all that apply and provide a description including whether the format will be in-house or third-party)

Retrospective - Research effort that involves historical assessments of the condition of a project, program, service, operation, resource and/or user group.

Prospective - Research effort that projects or forecasts a future condition of a project, program, service, operation, resource, and/or user group.

Description: Prior to developing the Green STEAM project, staff performed an on-line assessment of other libraries’ STEAM programs and also attended some webinars related to STEAM and STEM programs. Local sustainability issues, including the imminent closing of the landfill, the death of thousands of trees from drought and bark beetle infestation, and the on-going drought, were also assessed by staff through discussion with local authorities and residents and on-line. This research helped staff develop a tentative list of workshop themes. Survey data collected from participants will be used by staff to evaluate the success of the project, determine skills learned and make programmatic changes to ensure its viability into the future.

4. Procurement - Acquiring or leasing facilities; purchasing equipment/supplies, hardware/software, or other materials (not content) that support general library infrastructure. (Provide a description)

Description: Library staff will work with vendors to procure equipment for the makerspace, including an extruder for making filament, a 3D printer and related software, sewing machines and wood working tools. Staff will also work with local thrift stores, other businesses and the landfill manager to procure used donated materials such as clothing, glassware, yarn, metal, discarded books and CDs for use in workshops and by makerspace patrons.
ELEMENT 4: GRANT TIMELINE/ACTIVITIES

Show each major project activity and when it will be started and/or completed throughout the project. The timeline should correspond to the activities described in Planning and Evaluation. Please put an X in each pertaining month.

<table>
<thead>
<tr>
<th>Activity</th>
<th>July</th>
<th>Aug</th>
<th>Sept</th>
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<th>May</th>
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<tbody>
<tr>
<td>Buy equipment &amp; supplies</td>
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<td>Procure donated materials</td>
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<td>Schedule Workshops</td>
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<td>Write/review/revise makerspace user guidelines</td>
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<td>Publicize grant and solicit volunteers</td>
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<td>Develop survey for program evaluation</td>
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<td>Train staff &amp; volunteers on equipment</td>
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<tr>
<td>Publicize workshops &amp; story hours</td>
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<tr>
<td>Prepare materials for workshops &amp; story hour projects</td>
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<td>Hold workshops &amp; story hours</td>
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<tr>
<td>Hold workshops at El Portal Library</td>
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<td>Hold workshops at Red Cloud Library</td>
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<td>Plan Green STEAM Fair</td>
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<td>Hold Green STEAM Fair</td>
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<td>Review outcomes &amp; submit final report</td>
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Fiscal Year 2016/2017
ELEMENT 5: BUDGET

The budget should clearly identify the amounts requested and from what sources.

<table>
<thead>
<tr>
<th>Budget Category</th>
<th>LSTA</th>
<th>Cash Contribution</th>
<th>In-Kind</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Salaries/Wages/Benefits</strong></td>
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</tr>
<tr>
<td>Senior Library Assistant (.15 FTE)</td>
<td>$0</td>
<td>$0</td>
<td>$6,993</td>
<td>$6,993</td>
</tr>
<tr>
<td>Extra Help Staff (.05 FTE)</td>
<td>$0</td>
<td>$0</td>
<td>$1,444</td>
<td>$1,444</td>
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<tr>
<td>Volunteers</td>
<td>$0</td>
<td>$0</td>
<td>$7,220</td>
<td>$7,220</td>
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<tr>
<td>County Librarian (.01 FTE)</td>
<td>$0</td>
<td>$0</td>
<td>$940</td>
<td>$940</td>
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<tr>
<td><strong>Subtotal</strong></td>
<td>$0</td>
<td>$0</td>
<td>$16,597</td>
<td>$16,597</td>
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</tbody>
</table>

**Description:** The Senior Library Assistant- .15 FTE ( $23.31 per hour, 300 hours total) Extra help staff--.05 FTE ($14.44 per hour, 100 hours total). Volunteers (including a monitor for the weekly makerspace, a story time leader and assistant, and volunteers to help prepare materials for workshops and storytime projects) are calculated at the same rate as extra help, $14.44 per hour, for a total of 500 hours. (The state rate of $26.87 as per the Vounteering in America website, seemed high for the Mariposa area.) The County Librarian .01 FTE ( $47 per hour, 20 hours total).

<table>
<thead>
<tr>
<th><strong>Equipment ($5,000 or more per unit)</strong></th>
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<tbody>
<tr>
<td><strong>Subtotal</strong></td>
<td>$0</td>
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**Description:**

<table>
<thead>
<tr>
<th><strong>Library Materials</strong></th>
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</thead>
<tbody>
<tr>
<td>DVDs, periodical, instructional related to workshop topics</td>
<td>$1,100</td>
<td>$0</td>
<td>$0</td>
<td>$1,100</td>
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<tr>
<td><strong>Subtotal</strong></td>
<td>$1,100</td>
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<td>$0</td>
<td>$1,100</td>
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</tbody>
</table>
**Description:** Books, periodicals, DVDs specifically related to the workshop themes, such as: Adorable Sock Dolls to Make and Love, DIY Projects: Renewing Old Clothes; Crafting with Wood Pallets; Sustainability Starts at Home; the PBS series Food Forward and the documentaries Plastic Planet and RIpe for Change.

<table>
<thead>
<tr>
<th>Budget Category</th>
<th>LSTA</th>
<th>Cash Contribution</th>
<th>In-Kind</th>
<th>Total (B+C+D = E)</th>
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<tbody>
<tr>
<td>Consultant Fees</td>
<td>$0</td>
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<td>Subtotal</td>
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**Description:**

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<tr>
<th>Travel</th>
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</thead>
<tbody>
<tr>
<td>Travel to El Portal &amp; Greeley Hill branches</td>
<td>$0</td>
<td>$0</td>
<td>$129</td>
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<td>Subtotal</td>
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</table>

**Description:** Workshop presenter and/or Senior Library Assistant will present two workshops at the El Portal and Greeley Hill branches (total of four). Travel is calculated at 240 miles, $.54 per mile.

<table>
<thead>
<tr>
<th>Supplies/Other</th>
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<tbody>
<tr>
<td>Supplies for makerspace &amp; workshops</td>
<td>$10,300</td>
<td>$0</td>
<td>$0</td>
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<tr>
<td>Donated used materials for workshops</td>
<td>$0</td>
<td>$0</td>
<td>$500</td>
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<td>Fliers, publicity</td>
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<td>$0</td>
<td>$177</td>
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<td>Donated supplies</td>
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<td>$0</td>
<td>$475</td>
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<tr>
<td>Reusable banner to publicize Green STEAM Fair</td>
<td>$200</td>
<td>$0</td>
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<tr>
<td>3D printer ventilation system (construction not included)</td>
<td>$0</td>
<td>$2,000</td>
<td>$0</td>
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<tr>
<td>Subtotal</td>
<td>$10,500</td>
<td>$2,000</td>
<td>$1,152</td>
<td>$13,652</td>
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</table>
**Description:** 3D Printer, $3,000; extruder/grinder, $1,000; ventilation system for 3D printer (prov. by Library--does not incl. construction), $2,000; Scanner - 3D printer, $250; spools-3D printer, $150; Software- 3D printer, $600; tool kit-3D printer, $50; laser cutter/engraver, $1,500; 3 glass cutters & access., $200; 3 blenders, $100; 2 sewing machines, $500; woodworking tools, $500; glue guns & glue (various types), $200; button maker & supplies, $500; Scissors, Xacto knives, tin snips, cutting mats, plastic cutters, $350; solar motors, $700; looms (variety), $600; reusable banner -Green STEAM Fair, $200; misc, $100. 100 color brochures @ $1.18, tot. $118 & 100 fliers @ $.59 ea. tot. $59(prov. by Libr); 2 Sewing mach. donated value $50 ea.; woodworking tools donated $100 value; donated scrap fabrics, yarn & other materials valued @ $200. Misc. workshop handouts, incl. those printed by presenters @ $.10/pg., total of $75 (prov. by Library).

<table>
<thead>
<tr>
<th>Budget Category</th>
<th>LSTA</th>
<th>Cash Contribution</th>
<th>In-Kind</th>
<th>Total (B+C+D = E)</th>
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<tr>
<td><strong>Contracted Services</strong></td>
<td><strong>$2,400</strong></td>
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<td>Presenter and speaker fees</td>
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</tr>
</tbody>
</table>

**Description:** Fees for workshop and storytime presenters are calculated at $200 per month for 11 monthly presentations at the Mariposa Library and $50 each for the four workshops at the El Portal and Greeley Hill branches.

<table>
<thead>
<tr>
<th>Project Total</th>
<th>$14,000</th>
<th>$2,000</th>
<th>$17,878</th>
<th>$33,878</th>
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<td><strong>Indirect Cost Rate Applied</strong></td>
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<td><strong>Indirect Cost</strong></td>
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<td>Check one:</td>
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</tr>
<tr>
<td>☒ No Indirect</td>
<td>☐ Federally negotiated indirect cost rate</td>
<td>☐ Indirect proposed cost rate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* please attach supporting documentation if required

**Description:**

| Grand Total | $14,000 | $2,000 | $17,878 | $33,878 |
ELEMENT 6: ATTACHMENTS
If you have additional resources that support your grant, please attach after this page

ELEMENT 7: INTERNET CERTIFICATION FOR APPLICANT PUBLIC LIBRARIES FY 2016/17

Check the Appropriate Library Type

- [ ] Public Library   - [ ] Academic       - [ ] K-12       - [ ] Multi-Type   - [ ] Special/Other

As the duly authorized representative of the applicant public library, public elementary school library or public secondary school library applying for LSTA funding, I hereby certify that the library is (check only one of the following boxes)

A. [ ] An individual applicant that is CIPA compliant.
   The applicant library, as a public library, a public elementary school library or public secondary school library, has complied with the requirements of Section 9134(f)(1) of the Library Services and Technology Act.

B. [ ] Representing a group of applicants. Those applicants that are subject to CIPA requirements have certified they are CIPA compliant.
   All public libraries, public elementary school libraries, and public secondary school libraries, participating in the application have complied with the requirements of Section 9134(f)(1) of the Library Services and Technology Act. The library submitting this application has collected Internet Safety Certifications from all other applicants who are subject to CIPA requirements. The library will keep these certifications on file with other application materials, and if awarded funds, with other project records.

C. [ ] Not Subject to CIPA Requirements.
   The CIPA requirements do not apply because no funds made available under this LSTA grant program will be used to purchase computers used to access the Internet or to pay for direct costs associated with accessing the Internet.

Mariposa FOL
Library/Organization

Kathleen Ann Bratt
Library Director Name

Green STEAM
Project Name

Kathleen Ann Bratt
Treasurer
Title

Library Director Signature

Date
May 20, 2016

Dear Mr. Lucas,

I am writing today in support of the Mariposa Library’s Green STEAM grant proposal. As the Mariposa County Solid Waste and Recycling Manager, I appreciate all efforts to increase awareness about the importance of reducing waste entering the landfill. This program will help people make wise choices about consumerism, as well as provide them with ideas for creative reuse of items that would otherwise be thrown away.

I have worked closely with Karen Dusek when she was employed as the County Recycling Coordinator and know first-hand that she has the experience to make this project a success. She presented numerous programs to schools, non-profit organizations and other groups, which usually included crafts made from recyclables. She also started an Earth Day program that evolved into a recycled craft fair that proved to be a very popular event. I am pleased to see that a similar event will take place as a result of this grant and am happy to have our division participate with a booth and presentation. I would also be willing to have someone from our division be a presenter at one of the monthly workshops, to provide recyclables from our bins (with County permission) and to publicize the program on our website.

Thank you for providing this opportunity for our small, but wonderfully unique, community.

Sincerely,

[Signature]

Greg Ollivier
Solid Waste & Recycling Manager
Dear Mr. Lucas,

It is with great enthusiasm that I write this letter in support of the Mariposa Library’s Green STEAM grant. The SPCA “forever” yard sale is the recipient of literally tons of discarded personal and household items each year. Much is sold to support our organization and what is left over is recycled as much as possible. However, the 3Rs of waste reduction—reduce, reuse, recycle— are listed in order of importance and impact. It is better not to produce waste in the first place but, if it is produced, there is generally less impact on natural resources, including landfill space, to reuse it than to recycle it. If it cannot be reused, then there is less impact to recycle it than to throw it away. Therefore, we support the reuse of the goods in our store, whether it be an individual tearing up clothing to make rag rugs or converting a brass headboard into a garden trellis, or a school class making sculptures from old picture puzzles.

With that in mind, we donate materials for school projects and have also provided the former County recycling coordinator, who is the Library contact for this grant, with materials for programs she conducted for local schools and community groups. We are happy to do the same for the Green STEAM project and to promote it through word-of-mouth and by posting fliers.

The SPCA also co-hosted the Recycled Craft Fair with the Solid Waste and Recycling Department, and we are excited that this grant will allow a similar fair to take place. We will gladly participate in the planning, promotion and execution of that event. Some of the artists and crafters who took part in the previous fair bought the materials for their creations at our thrift store, and I know first-hand how disappointed they were that it ended. It not only allowed them a venue to sell their products, but also was a wonderful opportunity to share ideas about reuse and recycling with the public.

We look forward to taking part in this project and will do whatever we can to help it succeed.

Sincerely,

Jeanette Lozano, Manager
SPCA of Mariposa County
May 20, 2016

Greg Lucas, State Librarian
California State Library
P O Box 942837
Sacramento, CA 94237-0001

Dear Mr. Lucas,

I am very excited to write this letter in support of the Mariposa County Library Green STEAM project. This grant will provide our rural community with so many opportunities that would otherwise not be available. The community has already begun to express interest and ideas. Teens want to create anime creatures and robotic parts, 4-H sewing wants to make their own buttons and garment decorations. Seniors want to create tools that are ease the pressure on arthritic joints. So many ideas!

So much interest in the Green STEAM project before it is even launched says a great deal about our vibrant, interested community. We look forward to putting their many ideas into practice. Businesses have stepped forward to partner with us in providing raw materials.

We are so pleased to be part of this project!

Sincerely,

Janet Chase-Williams, MLIS
Mariposa County Librarian
May 31, 2016

Dear Mr. Lucas,

I am writing to express my support for the Green STEAM grant proposal being submitted by the Mariposa Library. I am an art teacher at Mariposa High School and purchased a 3D printer for our classroom, which I demonstrated to the Senior Library Assistant prior to her decision to apply for this grant. I am familiar with both the advantages and disadvantages of working with 3D printers and am willing to provide some training to get the program started.

I am a proponent of finding new uses for old materials. My students have participated in the Recycled Craft Fair with displays of “recycled” artwork in the past and I’m sure many would be interested in participating in both the Green STEAM Fair and the makerspace. Some may also be interested in helping with the children’s projects for storytime.

Thank you for giving the Library this opportunity to make our community more aware of recycling and sustainable living.

Sincerely,

Pete Bothwell
EVALUATION FORM
Mariposa Library Green STEAM Workshops

Title of Workshop: ___________________________

Today's Date ____________________________

On a scale of 0 to 10, with 0 being poor and 10 being excellent, please rate the following:

Clarity of information: 0 1 2 3 4 5 6 7 8 9 10

Ability of instructor to hold class interest: 0 1 2 3 4 5 6 7 8 9 10

Workshop Length: 0 1 2 3 4 5 6 7 8 9 10

Usefulness of information: 0 1 2 3 4 5 6 7 8 9 10

How likely are you to put what you learned into practice?

Very Likely ___ Moderately Likely ___ Not likely at all ___

Are you planning to attend more Green STEAM workshops?

Yes ______ Maybe ______ No ______

Based on today's workshop, would you recommend a future workshop to a friend?

Yes ______ Maybe ______ No ______

How did you hear about this program? ________________________________

______________________________________________________________

Please use the back of this page to tell us what you liked or didn't like about this workshop.
A Brief History of the Mariposa County Library

The concept of a free library in Mariposa County began to take shape in 1894 but 32 years passed before the Library was established—the 46th in the state of California. Through a joint agreement between their respective boards of supervisors, Merced was providing library services to 23 elementary schools and three branch libraries in Yosemite, Granite Springs and Wawona by December 1926. The following month, a fourth branch opened with 250 books in the Old Presbyterian Church on Bullion St. in Mariposa. The Library later moved to the Bagby Building and then, in 1971, relocated once again to the new History Center on Jessie St.

In June, 1982, the contract with Merced was severed, reducing the total number of volumes in Mariposa from about 21,500 to 3,000. By the end of the month, a new contract was signed with Tuolumne County and the following year a citizen’s drive and matching grant raised $33,000 toward the purchase of new materials.

CURRENT STATUS

Social Sustainability

The Mariposa Library and its branches not only make their resources available to the entire community, as well other member libraries of the San Joaquin Valley Library System (SJVLS), but also serve as hubs where people and organizations meet, share important information about local events and socialize. The buildings are fully accessible. Computers are available for public use for up to an hour per day. In addition to County residents, many American and international visitors make use of this service each year.

The Friends of the Mariposa Library group supports the library with donations of books, equipment and supplies purchased with funds earned from bi-weekly and biennial used book sales.

Among a variety of programs offered for all age levels are: story times for preschoolers; a summer reading program for children from age 0 to 18; a Tween book club; a book/media delivery program for homebound patrons; an adult literacy program; on-line programs including genealogical research, tutoring services and a program for grant seekers; tutoring for elementary school children; computer training for adults and free family movies. Programs are also available to school groups.

In addition, a meeting room is available free of charge to local organizations and groups. Research and publishing support are provided to local authors, as well as display space to artists.

The Library maintains a website and Facebook page.

Economic sustainability

The Library is currently involved in a number of activities that promote economic sustainability in the community including:

* employing primarily local residents;
providing summer employment and training for local students through Mother Lode Job Training;
*utilizing volunteers to assist with such activities as shelving, book repair and story telling;
*offering books, DVDs, audio books, magazines, newspapers and other media for loan at no cost to patrons;
*providing free services such as the homebound delivery service, on-line research and tutoring programs and E-Books;
*providing at-home account access on the Internet that allows patrons to request library materials, renew items, and otherwise maintain their account without having to travel to the library;
*offering a renewal service by phone to eliminate the need to visit the library to renew books.
*keeping a variety of business-related books, CDs and other items on hand for check-out.

Environmental sustainability

The Library staff is working to practice and promote environmental sustainability by:
*recycling paper, cardboard and some types of plastic;
*recycling beverage cans and bottles used by the staff;
*providing outlets for community recycling of printer cartridges and cell phones and the reuse of eyeglasses;
*reusing plastic shopping bags brought in by patrons;
*maintaining an indoor temperature of 74 degrees in summer and 68 degrees in winter;
*keeping some of the overhead lights turned off and using natural light;
*hosting a small bi-weekly and large biennial sale of used books donated by patrons and discarded library books;
*providing bicycle racks for patrons;
*offering cloth book bags for sale;
*giving outdated, discarded computers to other County offices or schools for their use;
*using scrap paper for notes and other in-house uses;
*providing space for bulletin boards and displays on environmental topics;
*buying recycled or repurposed supplies whenever possible
*maintaining a binder of environmental news articles for public use

PLANS FOR THE FUTURE

Social Sustainability

*Make new technology available to patrons and the public whenever possible;
*Provide new opportunities for learning through classes, presentations and other programs;
*Continue to provide historical and genealogical research assistance to authors and others;
*Expand existing services, such as adult literacy and computer tutoring within the
immediate area and to the other branches;
*Expand community outreach through social media outlets such as Twitter.

**Economic Sustainability**

* Maintain an up-to-date business collection
* Continue to hire locally
* Expand free services as needed
* Utilize volunteer help whenever possible

**Environmental Sustainability**

* Promote low-water gardening and other drought measures
* Expand recycling as new opportunities become available
* Find outlets for materials typically thrown away, such as DVD and video cases
* Use/purchase reused/recycled supplies whenever possible
* Turn off printers and other electronics when library is closed
* Conduct an energy audit
* Purchase energy efficient equipment and appliances
* Use paper products rather than Styrofoam for programs and events
* Partner with local businesses, organizations and agencies to seek solutions to local Issues
* Continue to keep up-to-date on issues and share information with the public
KAREN DUSEK
P.O. Box 1447, Mariposa, CA 95338
209-742-4159
karenhdusek@gmail.com

EDUCATION:

University of California at Santa Cruz
B.A. Environmental Studies December, 1991
San Diego State University
M.A. Communications, Journalism Emphasis May 1983
Brigham Young University
B.S. Clothing and Textiles, Advertising Minor, cum laude April 1973

PROFESSIONAL HIGHLIGHTS:

Senior Library Assistant, Mariposa County Library July 2014-Present
Responsibilities include: book ordering and basic cataloging; supervising volunteers and extra help staff; serving as the adult literacy coordinator; writing and implementing grants, including Book-to-Action and adult literacy; creating displays and bulletin boards; working with other staff members to maintain and improve the collection; assisting patrons with research, materials checkout and computers; developing youth programs; shelving and other related duties.

Library Assistant, Mariposa County Library, Extra Help February 2004- June 2014
Mariposa County Recycling Coordinator, Independent Contractor February 2008- June 2014
Wrote and implemented grants for programs such as a county-wide can and bottle collection partnership with non-profit organizations, a household hazardous waste informational campaign and a motel/hotel recycling bin program; developed and presented educational programs for all ages, such as worm composting and recycled crafts; created displays and event booths; wrote press releases and created fliers, brochures, calendars, etc. promoting recycling and waste reduction; supervised Welfare to Work staff; developed a small resource library; maintained the County solid waste and recycling website; started a Facebook page

Co-founder/Executive Director of Soule Homestead Education Center, Inc., A 130-acre non-profit organic educational farm, Middleborough, MA. January, 1991-June 2003
- Worked with hundreds of volunteers from the region, including at-risk youths, special needs students and adults and senior citizens, to restore vacant, unmaintained town-owned farm into an active educational/working organic farm offering dozens of public programs and special events to thousands of people annually, including adult workshops, school and group visits, annual harvest fair/folk music festival, summer folk concerts, community gardens, outreach programs, birthday parties, vacation activities for children, nature walks, annual Sheep Day/Earth Day celebration, farm and garden tours, lectures and slide shows.
- Developed curriculum materials, planned and taught variety of innovative programs to a diverse population.
- Wrote and successfully negotiated lease proposals and negotiated subleases for use of the land.
- Prepared farm plans and worked with local, regional and state officials on many aspects of farm operations.
- Wrote weekly press releases and bi-monthly "Down on the Farm" column.
- Wrote and designed quarterly newsletter, brochures, fliers, other promotional materials.
- Performed variety of daily farm chores.
- Have appeared on numerous cable television and radio programs.
- Homestead awarded Plymouth County Conservation District Award for Environmental Education, Secretary’s Award for Excellence in Environmental Education by Massachusetts Executive Office of Environmental Affairs, commendations from state House of Representatives and state Senate.

Teaching/Program Planning and Implementation Experience
- Two years as substitute teacher and spelling team coach, Middleborough Public Schools, primarily junior high.
- Science and Art Day Camp Coordinator, Santa Cruz County Parks, Santa Cruz,CA.
  Supervised staff of county employees, volunteers and one youth employee. Planned and taught science activities; coordinated field trips and guest speakers.
- Life Lab assistant and instructional aide, Green Acres Elementary School, Santa Cruz, CA. Helped teach organic gardening and science lessons in hands-on science and gardening program. Coordinated parent volunteer program, maintained 4-acre garden/orchard site, assisted with special events such as parent work day and harvest fair.
• Instructional aide (kindergarten, fifth grade and library), three years, Sundance Elementary School, San Diego
• Co-director of fine arts program Linda Vista Boys Club, San Diego, CA. Taught woodworking, photography, journalism to children aged 6-18, primarily Southeast Asian and African American. Started monthly newsletter written by children, wrote and directed Thanksgiving play, began camping program.
• Taught photography and other activities in after-school enrichment programs, San Diego, CA.

**Writer/reporter/editor**

1985-2006

• Publisher/editor of the *Central Sierra Good Life*, a monthly newspaper focusing on sustainable living in the communities surrounding Yosemite National Park (April 2006 to January 2007)
• Editor of *Hi Sierran*, monthly newspaper, circulation 10,000, published by San Diego Chapter of the Sierra Club. Supervised volunteer staff, assigned/wrote-edited stories, designed page lay-out, paste-up, took photos.
• Assistant Advertising Manager for The Lexington (VA) *News-Gazette*, weekly newspaper, circulation 7,000 Responsible for ad sales, copy writing, layout, paste-up, photography, proofreading, clerical

**Other Related Experience**

• Research Assistant --assisted UCSC anthropology professor with research on rainforest use in Indonesia.
• Planning Assistant --edited UCSC Long Range Development Plan and EIR for Colleges 9 and 10.

**HONORS AND DISTINCTIONS:**

• Middleborough Family of the Year Award (2003), Middleborough Kiwanis Club
• Friend of Education Award (2003), Middleborough Education Association
• Plymouth County Farm Bureau Earth Day Award (1995)
• San Diego Sierra Club Activist Award (1997)
• Recipient of San Diego Chapter of Audubon Society scholarship to Audubon Camp in the West (1985)
• First place, Writer’s Digest article writing competition (approx. 750 entries) (1985)
• Selected as an Outstanding Young Woman of America (1985)
• Nominated to Who’s Who in American Writers and Editors (1985)

**COMMUNITY SERVICE WORK:**

• Mariposa Tobacco Education Coalition (2013-2015)
• Mariposa Community Garden Committee Chair (2010-2013)
• 4-H Leader (1987-2002). Photography, ecology, crafts, gardening, teen clubs. Received funding from UCSC in 1987 for water conservation project with ecology club
• Workshop presenter NOFA Summer Conference (1992-2002)
• Member of evaluation committee for reaccreditation of Middleborough High School (1992).
• Wildlife rehabilitator at Santa Cruz Native Animal Rescue (1988-90).
• Led hikes and gave nature talks to school groups (1984-87).
• Sundance Elementary School PTA (1984-87). Publicity and newsletter chairperson, membership drive co-chairperson, parent/child activities co-chairperson. Began community-wide recycling drive and school litter clean-up program. Assisted with numerous other fund raisers.
• School Improvement Program School Site Committee member (1984-86).
• San Diego Ecology Center board member (1983-84).