



GRANT AGREEMENT

The Intrepid Philanthropy Foundation (“Grantor”) and Mountain View Whisman School District (“Grantee”) hereby enter into this Grant Agreement (the “Agreement”) effective as of April 1, 2019.

1. **Grant Award.** Grantor hereby awards a LIGHT Awards grant in the amount of \$30,000 (the “Grant”) to Grantee for the teacher professional development project titled “Graham Middle School STEAM Digital Heroes” (the “Project”) led by Agnes Kaiser, as described in the proposal submitted for the 2019-2021 grant cycle, attached hereto (the “Proposal”). This Grant is for the period of April 1, 2019 – June 1, 2021, and shall be paid in April 2019 (\$20,000) and April 2020 (\$10,000).

2. **Use of Grant Funds.** Grantee shall use the Grant funds only for the purposes of the Project. Grantee shall repay to Grantor any portion of the Grant funds which is not spent or committed for these purposes. If the Proposal includes stipends as part of the Project budget, such stipends:

a) are limited to a maximum of \$500 per teacher per school year during the course of the grant period;

b) are generally to be paid equally, at the end of each school year during the course of the grant period, to each teacher who participates in the Project for the entire school year; and

c) may be available at Grantee’s discretion, in amounts equitably determined by Grantee with input from Project participants (subject to subsection (a) above), to any teacher who participated in the Project but (i) who is no longer participating in the Project for any reason at the time stipends are awarded, or (ii) who did not participate in the Project for the entire school year prior to the time stipends are awarded.

3. **Prohibitions.** No part of this grant may be spent for influencing legislation within the meaning of IRC Section 4945(e). This grant is not earmarked to be used to carry on, directly or indirectly any voter registration drive, and there is no agreement, oral or written, whereby Grantor may cause Grantee to engage in any such activity. Grantee shall not use any portion of the Grant funds in a manner inconsistent with Internal Revenue Code (“IRC”) Sections 501(c)(3) and 170(c)(2)(B), including: (a) influencing the outcome of any specific election for candidates to public office, (b) inducing or encouraging violations of law or public policy, and (c) causing any private inurement or improper private benefit to occur.

4. **Changes to Project.** Grantee may not make any significant changes in the purposes for which Grant funds are spent without Grantor’s prior written approval. Approval for such changes can be requested by contacting the LIGHT Awards program. Grantee is responsible for ensuring that the Grantor is informed in a timely manner of significant difficulties in making use of the funds for the purposes described in the Proposal.

5. **Grantee’s Reports.** Grantee will submit to Grantor interim reports covering both the substance of its activities under this Grant (including the manner in which the Grant funds have been used) and the financial administration of the Grant, no later than February 1, 2020 and December 1, 2020. A final report is due by June 15, 2021. Grantor shall provide templates for all Grant reports.

44 Montgomery Street, Suite 1400
San Francisco, CA 94104
T 415 543 0734 F 415 543 0735
lightawards.org



Reports shall also include copies of all press releases and other public announcements of the Grant. Grantee shall maintain records of receipts and expenditures relating to the Grant and shall make such records available to Grantor for inspection at reasonable times.

6. **Publications; License.** Any information contained in publications, studies, or research funded by this grant shall be made available to the public following such reasonable requirements or procedures as Grantor may establish from time to time. Grantee grants to Grantor an irrevocable, nonexclusive license to publish any publications, studies, or research funded by this grant at its sole discretion.

7. **Representation and Warranty Regarding Grantee's Tax Status.** Grantee represents to Grantor that it is a governmental unit described in Section 170(c)(1) or 511(a)(2)(B) of the Code or otherwise exempt from federal income tax under Section 501(c)(3) of the Code, and that it is neither a "private foundation" as defined in Section 509(a) of the Code nor a "Type III" supporting organization as described in Section 509(a)(3)(C) of the Code (other than a "functionally integrated type III supporting organization" as defined in Section 4943(f)(5)(B) of the Code). Such representation and warranty shall continue through the last date that Grantee spends Grant funds. Grantee agrees to notify Grantor immediately of any changes in its tax status or any organizational changes (including any changes in key personnel) during the term of the Grant.

8. **Grant Review.** Grantee will permit representatives of Grantor to visit Grantee's premises and review Grantee's activities, and will permit Grantor, at its own expense, to conduct an independent financial and/or programmatic audit of the expenditure of this Grant.

9. **Notices.** All notices or reports required or permitted under this Agreement shall be deemed to be given when personally delivered to the recipient thereof, or when mailed by certified first class mail, return receipt requested, postage prepaid, addressed to the recipient at the address set forth below, or at such other address designated by written notice in accordance with this Section 9:

Grantor: Intrepid Philanthropy Foundation
c/o Rockefeller Philanthropy Advisors
44 Montgomery Street, Suite 1400
San Francisco, CA 94104

Grantee: Mountain View Whisman School District
1400 Montecito Ave
Mountain View, CA 94043

10. **Additional Representations and Warranties.** Grantee represents and warrants to Grantor that (a) this Agreement constitutes the legal, valid, and binding obligation of Grantee, enforceable against Grantee in accordance with its terms except as enforcement may be limited by any applicable bankruptcy, insolvency, reorganization or similar laws affecting creditors' rights generally and except as enforcement may be limited by general principles of equity; (b) Grantee has the absolute and unrestricted right, power, authority and capacity to execute and deliver this Agreement and to perform its obligations hereunder; (c) Grantee does not support or conduct, directly or indirectly, violence or terrorist activity of any kind; and (d)

accepting this Grant, and paying any stipend described in the Proposal, does not constitute a violation of any contract with any teacher's union to which Grantee or the Project participants may be subject.

11. **Relationship; Tax Reporting and Withholding.** Grantor may have helped select the individuals identified in the Proposal to carry out the Project. Should such individuals become unavailable to complete the Project at any time during the term of the Grant, Grantor may help identify and select different or additional individuals to carry out the Project. Notwithstanding the foregoing, nothing herein shall be construed to make Grantee, its employees, independent contractors, officers and agents, or any teacher who may receive a stipend from Grant funds, an employee or independent contractor of Grantor. As a result of the Grant, Grantee, its employees, independent contractors, officers and agents, and any teacher who may receive a stipend from Grant funds, shall not be entitled to worker's compensation, unemployment, disability, health, or retirement benefits, vacation or sick pay, or for any benefits provided to employees under federal, state or local laws, from Grantor, and Grantor shall not withhold any portion of the Grant for these benefits, or for federal or state income taxes, or for social security taxes.

12. **No Assignment.** Grantee shall not assign any of its rights or delegate any of its obligations under this Agreement to any individual or entity without the prior written consent of Grantor, which consent may be given or withheld in the Grantor's sole discretion.

13. **Successor and Assigns.** This Agreement shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and permitted assigns, subject to Section 12 above.

14. **Construction.** Every covenant, term and provision of this Agreement shall be construed simply according to its fair meaning and not strictly for or against any party hereto. All pronouns and variations thereof shall be deemed to refer to the masculine, feminine or neuter, singular or plural, as the context may require.

15. **Headings.** Section and other headings contained in this Agreement are for reference purposes only and shall not be used to describe, interpret, define or limit the scope, extent, or intent of this Agreement or any provision hereof.

16. **Dispute Resolution.** In the event of a controversy, dispute or claim between the parties hereto, relating to this Agreement, the parties hereto agree that the following procedure shall be used in an attempt to resolve the dispute:

(a) A meeting (the "Initial Meeting") shall promptly be held at which the parties hereto shall attempt to resolve the dispute through their respective representatives who shall have full decision making authority regarding the matters in dispute.

(b) If an Initial Meeting has not occurred within ten (10) days after a party hereto has requested in writing such a meeting of the other party to this Agreement or if the dispute has not been resolved to the mutual satisfaction of the parties hereto within thirty (30) days following the written request for the Initial Meeting, the dispute shall be submitted to mediation facilitated by a neutral mediator mutually approved by the parties hereto, which approval shall not be unreasonably withheld or delayed by either party hereto. If the parties to this Agreement cannot agree on a mediator, the Superior Court of the County of San Francisco shall

appoint a mediator. Mediation shall be held in San Francisco, California. Any costs and fees, other than attorney fees, associated with the mediation shall be shared equally by the parties hereto.

(c) The parties hereto agree to participate in good faith in the Initial Meeting and the mediation conferences.

If the parties hereto are unable to resolve the dispute through negotiation or mediation, then either party to this Agreement may bring a suit in the Superior Court of the City and County of San Francisco for resolution of the dispute or pursue other applicable legal remedies.

17. **Remedies.** Grantee shall immediately repay to Grantor any portion of the Grant funds which is spent or committed for any purpose other than the purpose for which this Grant was made. If Grantor in its reasonable discretion determines that Grantee has substantially violated or failed to carry out any provision of this Agreement, including but not limited to failure to submit adequate reports when due, Grantor may, in addition to any other legal remedies it may have, refuse to make any further grant payments to Grantee under this or any other grant agreement, and Grantor may demand the return of all or part of the Grant funds not properly spent or committed to third parties, which Grantee shall immediately repay to Grantor. Notwithstanding Section 16 above, Grantor may also avail itself of any other remedies available by law. This Agreement may be enforced by Grantor by an action for specific performance and injunctive relief or by any other appropriate remedy by any court having jurisdiction. Grantee acknowledges and agrees that Grantor shall have the legal standing necessary to bring any suit it deems necessary to enforce the terms of this Agreement.

18. **Entire Agreement.** This Agreement constitutes the entire agreement between the parties hereto with respect to the subject matter hereof and supersedes all prior and contemporaneous agreements, understandings, negotiations and discussions, whether oral or written, of the parties with respect thereto.

19. **Amendments.** This Agreement may not be amended except by written instrument signed by the parties hereto.

20. **No Agency.** Grantee and not Grantor is solely responsible for all activities supported by grant funds, the content of any product created with grant funds, and the manner in which any such product may be disseminated. This Agreement shall not create any agency relationship, partnership, or joint venture between the parties, and Grantee shall make no such representation to anyone.

21. **No Waiver.** The failure of any party hereto to enforce at any time or for any period of time any one or more of the terms or conditions of this Agreement shall not be a waiver of such terms or conditions or of that party's right thereafter to enforce each and every term and condition of this Agreement.

22. **Severability.** In the event any provision or portion of a provision of this Agreement is held to be invalid, void or unenforceable, the rest of the Agreement shall, so long as its enforcement is consistent with the intent of the parties in entering into this Agreement, remain in full force and effect and shall in no way be affected, impaired, or invalidated.



23. **Governing Law.** This Agreement, the respective rights and obligations of the parties hereto, and any dispute or claim arising from or relating to this Agreement, shall be construed and interpreted in accordance with the laws of the State of California, without reference to its conflict of laws provisions.

24. **Counterparts.** This Agreement may be executed in one or more counterparts, each of which shall be considered to be an original, but all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the Grantor and Grantee have approved and executed this Agreement effective as of the date first above written.

Intrepid Philanthropy Foundation

Mountain View Whisman School District

By: J. Schneider,

By: _____,

Title: Philanthropic Advisor

Title: _____

Date: 4/1/2019

Date: _____



Graham Middle School STEAM Digital Heroes

Lead School, City, and County	Isaac Newton Graham Middle School, Mountain View, Santa Clara
Other School(s) Involved	
Primary Subject Area	Interdisciplinary
Project Goal	Our goal is to use our KCI PD to develop and pilot pathways for PBL-based, technology enhanced electives and create curriculum for all students in media technology, broadcasting, engineering, leadership, and art over the course of two years.
Number of Team Members	5
Grade Level(s)	Middle School
School Type(s)	Traditional Public
% of Students Qualifying for Free and Reduced Lunch for Each School	In our current population, 33% of our students qualify for free and reduced lunch. Our site has 13 students who are homeless.
% English Learner Students for Each School	Graham Middle School has 895 students, and 49% are English Learner students (2018 LEA statistics)
Student Body Demographics for Each School	Thirty-three percent of our student population of 895 students participate in the free and reduced lunch program. Thirty-four percent are economically disadvantaged. We have 13 students whose families are homeless. Our student body' demographics include: Asian 16%, Hispanic 41%, Caucasian 32%, African American 1%, Two or more races 10%, 11% students with disabilities.
At Least Two Can Attend the Grantee Convening in August 2019	Yes

Brief Narrative

Electives are important to students for engagement, & their future high school/college/career. Fortunately, our students have the opportunity to take 2 electives per year. Our team will engage in a 2-year learning program: Creating STEAM/PBL curriculum for elective pathways. Year 1 focuses on building foundational courses, Year 2 focuses on creating curriculum for the specific pathways. Outcomes include rich PBL

experiences (creativity, critical thinking, collaboration, communication, & empathy) tied to elective courses, ending with capstone projects & presentations to the broader Graham MS community. This project also provides a segue into the MVLA high schools' STEAM Academy pathways.

Project Details

	Time Period	What will your professional development project entail? Who will participate in each activity?
Year 1	May – Aug 2019	Our team will attend a 5-day summer PD program that focuses on foundational Project Based Learning curriculum that includes Design Thinking at the Krause Center of Innovation. The week's lessons will include: Design Thinking principles & practice, PBL principles & practice, writing PBL & DT lessons, developing the PBL curriculum. We will engage a STEAM coach from KCI & meet to finalize our year's curriculum before the first week of August. Other opportunity: Makerspace Coordinator Certification.
	Sept – Dec 2019	There will be 2 days of follow-up with the cohort at KCI. Co-teaching the summer lessons written with KCI trainers will be scheduled. We'll use our website and begin posting resources and relevant content. We will hold 2, team monthly meetings & report on new protocols, rubrics & tools that we test in our classrooms. We will engage a coach from KCI to lead the meetings. One scheduled classroom observation visit made by all teachers to magnet schools. Five teachers will attend CUE & debrief.
	Jan – May 2020	We'll continue to write, structure & develop cross-curricular lessons/rubrics. We'll observe magnet schools to gain program insights on best practices. Then, we'll plan a digital magazine that chronicles student projects and their journey. We'll begin the magazine project implementation for Graham Digital Heroes Volume I. All students in the cohort will submit a project for the digital magazine. The magazine will serve as a catalog for parents and students to highlight the pathway electives.
Year 2	Jun – Aug 2020	The cohort will continue professional learning at KCI (a 3-day summer PD program focusing on building pathway-specific PBL curriculum). Focus will be on curriculum development, enhancing/revising curriculum based on Year 1 outcomes. The team will write/finalize plans for Year 2 based on review/ assessment of year 1. Curriculum planning/development meetings will be held during these months. The team will submit an interim report to LIGHT Awards. All teachers will attend the ISTE conference.
	Sept – Dec 2020	The team will create another issue of our magazine (Graham Digital Heroes: Volume II). We'll also begin the development of our year 2 media project: TEDx. Our team will also observe another magnet school to gain more PBL practice insights. After our observations there will be 2 planned days of follow-up with our cohort to review lessons learned and hone our specific curriculum. We will also hold three team meetings, to discuss the TEDx project and PBL presentations to the district staff.

	Jan – May 2021	We will begin rolling out our TEDx - LIGHT the Way media project to students. Teachers will introduce TED Talk specifics to students, parents and administration to prepare them for spring presentations. Students will continue to develop and edit these projects to be presented in May. During this time the team will meet to modify and develop the TEDx project curriculum and to plan the May TEDx event. In May, our team will draft and submit our report summary to the Intrepid Foundation.
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Have you engaged in professional learning on this topic before?

As individual teachers, we have separately participated in learning opportunities such as the mini MERIT at the Krause Center of Innovation. The classes are designed to help teachers elevate curriculum with technology-enhanced activities. We have not, however, merged what we have learned to develop an integrated, interdisciplinary curriculum. This project will allow us to integrate relevant, cross-curricular lessons, so students can make connections between subject areas. Regardless of the award, we have a group of teachers who like to share best strategies in a professional learning setting.

How do you envision this project will have impacted team members’ career development in five years?

Collaboration allows our team to come together on common ground and work towards the achievement of a common goal. By offering cohesive courses, we provide solutions to the challenges in teaching all students. Working towards the same goal inspires us with a strong sense of purpose. We value working collaboratively and the project gives us a meaningful focus to work together. It provides us a culture of continuous learning, and support, through growth and development. As a team, we will be more resilient from failures. The project will enhance our capacity to teach beyond our comfort zones.

How would your professional development affect your school community?

In a society where success is driven not only by knowledge but also by 21st century skills, it is increasingly vital for students to be equipped with the skills to do research, solve and evaluate real-world problems. These skills are gained by practicing project-based lessons. Many of our teachers are hesitant to integrate hands-on projects in their classrooms because it takes time & resources. Our projects and pathways will show others how to manage & implement meaningful project-based lessons. Our curriculum will enhance our practice & educate other leaders and teachers within our district.

What are the characteristics of your team that would support the success of your project?

Our enthusiastic team shares common interests in PBL and STEAM. We have a strong sense of team & we feel that integrated lessons are important to create more meaningful electives that teach 21st century skills. We collaborate and attend professional development together when possible. We have also worked together on community service projects recently. We have agreed to meet after school or during lunch as needed every other week to touch base with each other. Since we also use media to meet remotely, communicating for collaboration is feasible. We will request a common prep time for the year.

How will you share what you learn?

Our team will share what students learned via our magazine, the Graham STEAM Digital Heroes, our TEDx: LIGHT the Way project, and other multimedia projects. All projects will

be uploaded to our school website to share with students, parents, and other members of the district and community. In addition, we will host a series of professional development sessions for our colleagues. During these sessions we will provide insight gleaned from conferences and experiences with our curriculum. It is our hope to help all subjects incorporate PBL and design thinking elements into all subjects.

For College Teacher Applicants Only

N/A

Other Information (Optional)

We will conduct a planning process for sustainability, and identify what strategic resources are needed to sustain the project (e.g. teachers, equipment, space, etc.) and work toward obtaining them. Since we are reaching out to industry and academic interest groups to become our future ongoing mentors and collaborators, we will request to secure some funding through these companies, and academic settings. Our team will have funding campaigns, gain community support and build on parent or in-kind donations for items such as ongoing training classes, equipment and consumables.

Team Member Information

Name	Current Teaching Position	Years at Current School	Total Years Teaching	Contact Information
Agnes Kaiser <i>(Team Lead)</i>	Grades 6-8, STEM teacher, Robotics and Engineering teacher, Robotics after-school coach, Los Altos HS STEAM Academy Advisory Board member	5 years	18 years	akaiser@mvwsd.org (650) 210-6608
Tom Sayer	Grade 7 Social Studies, Grades 6-8 Media/Broadcasting and GMSTV teacher	29	29	tsayer@mvwsd.org
Erika Mueller	Grade 7 Social Studies teacher, Grades 7-8 Leadership teacher, Dance Team Coach	8 years	8 years	emueller@mvwsd.org
Tom Chang	Grades 6-8 Art and Advanced Art, status 3/4 time this year due to childcare	2 years	5 years; Three years were taught in junior college	tchang@mvwsd.org
Jessica Hill	Grade 7-8 Journalism, Grade 7-8 College Bound (AVID) teacher	3 years	3 years in middle school, 3 years in high school	jhill@mvwsd.org

Principal Information

Principal Name	# of Years at Current School	Email Address	Phone Number
Michael Hermosillo	Less than 1 year	mhermosillo@mvwsd.org	(650) 526-3570 x2611

Grant Administration

Recipient Organization	Tax ID	Contact	Phone	Email
The grant will be housed by the Mountain View-Whisman School District disbursed specifically to the Digital Heroes teacher team at Isaac Newton Graham Middle School.	Federal Tax ID #: 93-0991812	Ron Wheelehan, Interim CBO Mountain View Whisman School District	(650) 526-3500 x1088	rwheelehan@mvwsd.org

Grant Processing Fees

There are no grant processing fees.

If your grant recipient is your school district, are you required to submit an Intent to Apply? Does the grant have to be officially approved at a board meeting?

Yes, we have informed our superintendent that we are applying for the grant. We have notified our Superintendent, Dr. Ayinde Rudolph when we were invited to submit the full LIGHT Awards application and have sent him our Letter of Intent. He has sent us his approval and support. If we are awarded the grant, the team will submit a request to have the grant proposal to be on the agenda for the School Board's approval in one of the board meetings in the following months between February and May.

Budget Notes

Krause Center for Innovation- KCI

Year 1(5 day program (Building Design Thinking and PBL curriculum)

Day 1-Design Thinking, Day 2-PBL, Day 3-Melding DT & PBL principles, Days 4/5: Developing pilot curriculum

2 days follow up in Fall to hone curriculum; Cost for 7 day program \$6800

Year 2 (3 day program (Building content specific curriculum)

Days 1-3: curriculum development/leveraging Year 1 learning;TEDx training

Facilitated by DT and PBL coaches focused on content specific curriculum 2 days follow-up in Fall. Cost for the total 5 day program \$4800

KCI Makerspace

Program provides instruction for building w/tools, innovation strategies, & creativity in teachers.

Agnes Kaiser

Computer Using Educators-CUE

CUE is a 2-day conference of Edtech leaders providing many session choices, keynote speakers, and workshops.

International Society for Technology in Education- ISTE

ISTE conference is where educators share strategies/resources for transforming teaching & are connected to the leaders of Edtech.

	A	B	C	D
	<p>PROPOSED BUDGET - PLEASE READ BELOW BEFORE COMPLETING</p> <p>Please complete the budget template to explain the total anticipated costs over the two-year grant period. Amounts should be rounded to the nearest \$100 dollars.</p> <p>LIGHT Awards Grants: The LIGHT Awards program makes two-year grants of \$20,000 or \$30,000. Payment will be made in the amount of either \$10,000 or \$20,000 in Year 1; and \$10,000 in Year 2. Please be aware of this payment schedule when considering your expenses, though your plan for spending grant funds does not need to correspond directly to this payment schedule. For example, if you plan to spend \$15,000 each in Years 1 and 2, you may carry over funds from a \$20,000 Year 1 payment into Year 2. Simply put, all funds must be expended within the overall grant term of May 2019 - May 2021.</p> <p>Stipends: If your proposal includes stipends as part of the project budget, such stipends are limited to a maximum of \$500 per team member per school year during the two years of the grant period. Stipends must be paid equally across all team members. Please note that stipends are to be paid at the end of each of the two school years during the course of the grant period.</p> <p>Restrictions: Funds for technology, equipment, and classroom supplies may not exceed \$5,000 for a \$20,000 proposal or \$8,000 for a \$30,000 proposal. Please visit lightawards.org/eligibility for additional eligibility guidelines.</p> <p>Fees: Please make sure to include any grants processing or management fees (indirect costs) charged by the grant recipient entity in the "Other" category.</p> <p>Explanation of Expenses: Please use the Explanation column (right side) to provide details about the proposed expenses (how amounts were calculated). Typically, all expenses fit within the below general categories (left-hand column). However, if you have unique expenses that do not fit into any of the below, you may add a few additional categories.</p>			
1				
2	Project Name	Graham Middle School Digital Heroes		
3				
4	BUDGET BREAKDOWN			
5	Category	Year 1	Year 2	Explanation
6	TRAININGS & TRAVEL			
7	Trainings (KCI) - Year 1	\$6,800		5 Teacher registration/courses (\$1360 per person) through the KCI/GMS Light Awards cohort. 5 day summer PBL and Design Thinking Boot Camp and building foundational curriculum and 2 follow up days in Fall.
8	Trainings (KCI Makerspace) - Year 1	\$1,500		2 Teacher Makerspace certifications through KCI.
9	Trainings (CUE) - Year 1	\$1,300		5 Teacher registrations (\$260/person) for Fall CUE Conference in October 2019.
10	Travel (CUE) - Year 1	\$800		Hotels (2 rooms for 2 nights at \$200/night).
11	Release Time - Year 1	\$800		5 Substitutes needed for release time to observe visual arts school (\$160/day/year)
12	Trainings (KCI) - Year 2		\$4,800	5 Teacher registration/courses (\$960 per person) through the KCI/GMS Light Awards cohort. 3 day summer PBL and Design Thinking Boot Camp Part 2 and building subject specific curriculum and capstone project planning.
13	Trainings (ISTE) - Year 2		\$2,100	5 Teacher registrations (\$420/person) for International Society for Technology in Education Conference in June 2020.
14	Travel (ISTE) - Year 2		\$1,100	Hotels (1 room for 3 nights at \$120/night), Transportation (\$148 for 5 teachers). Housing for 2 teachers are with family.
15	Release Time - Year 2		\$800	5 Substitutes needed for release time to observe STEAM school (\$160/day/year)
16	Teacher Stipends	\$2,500	\$2,500	Per Light Awards application instructions in the online forum, no more than \$1000 per teacher over the 2 year grant period. (5 Teachers in team)
17				
18	Trainings & Travel Subtotals	\$13,700	\$11,300	
19	MATERIALS & EQUIPMENT EXPENSES			
20				
21	Materials/Supplies/ Equipment	\$2,500	\$2,500	Adobe Creative Cloud: 100 seat licenses over 2 years.
22				
23	Materials & Equipment Subtotals	\$2,500	\$2,500	
24	TOTAL GRANT BUDGET			
25	TOTAL GRANT BUDGET	\$30,000		



**LIGHT Awards Program Application
Team Member Agreement Form**

Project Name: GRAHAM Middle School Digital Heroes

By signing this document, you are acknowledging that you are part of a team that is applying for a grant from the LIGHT Awards Program. While the Team Lead identified in the LOI and Application will be the main contact, all Team Members are responsible for reading and responding to communication regarding the LIGHT Awards Program, committing the time needed to conduct the work described in the Application, and attending LIGHT Awards-related events and activities. At least two team members can attend the grantee convening in Calistoga, CA on August 1-2, 2019. In addition, you are agreeing to be added to the LIGHT Awards email list. You are free to unsubscribe from the list at any time.

Signatures of all Team Members of Project named above:

1) AGNES KAISER
Printed Name (Team Lead)

Agnes Kaiser 12/13/18
Signature and Date

2) Tom Seyer
Printed Name

Tom Seyer 12/13/18
Signature and Date

3) Erika Mueller
Printed Name

Erika Mueller 12/13/18
Signature and Date

4) Thomas Chang
Printed Name

Thomas Chang 12/13/18
Signature and Date

5) Jessica Hill
Printed Name

Jessica Hill 12/13/18
Signature and Date

6) _____
Printed Name

Signature and Date



**Mountain View
Whisman
School District**

LIGHT Awards Program
Intrepid Philanthropy Foundation

Graham Middle School
T 650.526.3570
F 650.965.9278
1175 Castro Street
Mountain View, CA 94040

To Whom It May Concern:

On behalf of Graham Middle School, please accept this letter of support for the LIGHT Award Grant proposal that my middle school teachers, Agnes Kaiser, Tom Sayer, Erika Mueller, Jessica Hill and Tom Chang are submitting, entitled "The Graham Middle School's Digital Heroes Project".

I understand that the proposed project involves collaboration with Ms. Agnes Kaiser and her middle school colleagues. This project will develop and pilot a series of STEAM-based, technology-enhanced tasks and instructional resources designed to assess the knowledge, skills and abilities of all students in media technology, engineering, leadership, and art programs.

We know that LIGHT values the inclusion of all students in its initiatives. Research indicates that there is a progressive decrease in participation of Hispanic students in STEAM education as they move through the pipeline to STEAM careers. According to the California Department of Education Accountability report (July, 2017), Graham Middle School has a diverse population with 41% Hispanic or Latino, 16% Asian, 32% White, 10% multiracial, and 1% Black. A large number of our students, 34% are socio-economically disadvantaged, and 30% participate in the free or reduced lunch program. This proposed project will allow exposure and provide equitable access to innovative courses to underserved students who might not otherwise have access to these new technologies.

To expand the implementation of our current electives program, increase awareness of STEM careers, and contribute to research in project-based learning and engineering pedagogy, we are including Media, Journalism, Leadership and Art courses. We will implement innovative lessons gained from the professional development of our teachers, materials and resources that engage students in hands-on activities in art, media, leadership, journalism and robotics curriculum. Formative measures of student progress to gauge student learning, including expertise from local engineers and industry partners for education will be used. As part of this project, Graham Middle School will serve as a pilot site for the development of these research-based lessons, and will participate in the co-design of the resources, a pre and post student and teacher survey of program activities will be developed, and formative assessment data will be collected.

I understand that, as part of the potential award, our team of teachers may be eligible for stipends in recognition of the hard work they are putting into the project. To the best of my knowledge, these potential stipends would not be barred by any union contract or other employment requirements imposed on the participating teachers. The cost to attend professional development conferences will be paid solely through the grant. Mountain View- Whisman school district will not be providing any additional compensation for professional development or hours for credits on the salary schedule.

Isaac Newton Graham Middle School supports this partnership with LIGHT and the activities described in this proposal. We are excited to be part of this work, which promises to be a valuable collaboration and opportunity for us to contribute to the body of research in project-based education.

Sincerely,

A handwritten signature in blue ink, appearing to read "Michael Hermosillo".

Michael Hermosillo
Principal



LIGHT Awards 2019 Grant Cycle Application Follow-Up Questions

Graham Middle School STEAM Digital Heroes

What is the rationale for why the Adobe SW license is part of this project? Do you use it now; if so, how is it paid for? What would/does the Media/Broadcasting & Journalism classes be using for digital production without the LIGHT Award funding for the Adobe Creative Cloud licenses?

Some of team members are currently using the Adobe CC platform for various projects such as Media Arts, STEM and Journalism/Yearbook. We use Adobe SW daily for GMS-TV and Journalism/Yearbook. It will be used daily for the magazine project (year 1). With the Light Awards funding, we will be expanding our use of the 25 programs included in the Adobe subscription. Adobe is known for excellent programs. Their programs, however, also have tremendous learning curves for us teachers. It requires a lot of training, curriculum development and time to integrate it across different content areas. Without the Creative Cloud, we are not sure what some classes will be using for our photo editing or video editing but it is something we will have to figure out if we are not awarded the grant. Some specific uses for CC are film editing, photo editing, animation, web page design, special effects and graphic design. All of these elements go to support our students in the elective wheel. We currently have the Adobe SW license, but our budget has been seriously cut. The high school currently uses the Adobe suite and this is the perfect link for our students to be prepared for success in high school programs. We are also hoping to create a magazine as a team which is directly impacted by the Creative Cloud license. This year we were able to get a license for the first time, but with budget cuts in the forthcoming year, it is more imperative for us to have this grant in order to continue developing innovative projects with the students.

Can you give a little more detail on the TEDx part of this project?

While the TEDx project is one of our capstone projects, this project will be new to us. We wish to develop a way to teach and model an exemplary way for students to share ideas in a series of short presentations and be able to present multiple issues and a diversity of voices from many disciplines. It will be a combination of short, carefully prepared talks, demonstrations, with student performances that are idea-focused, not theme based, and cover a wide range of subjects to foster learning, inspiration and provoke mindful conversations among our students. Our team wants to learn the process, develop lessons on how to implement the TEDx project from our partnership with KCI. Our team wants to develop an education style that deviates from students just hearing a lecture, with an occasional project at the end of a unit, and instead have a tangible product to share with the world.

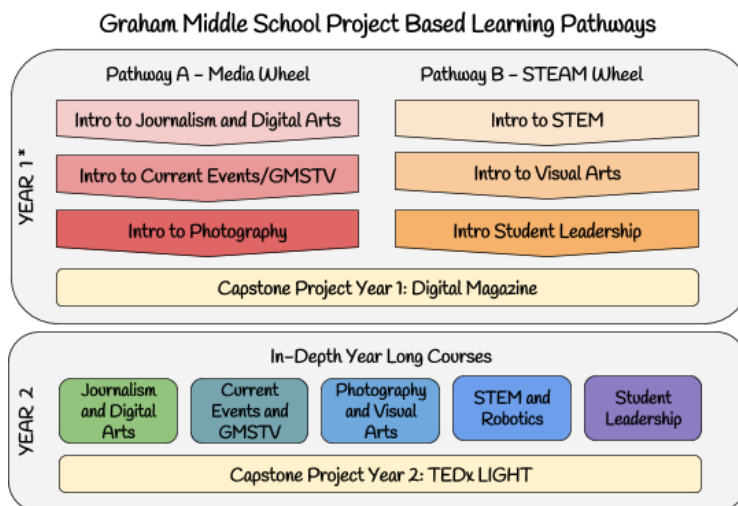
What electives will the students at Graham Middle School receive in future years if the LIGHT Award project were not funded?

The students at Graham will have Media Arts, STEM, Journalism, Student Leadership, Art, Band, Choir, Strings and Orchestra. We also have Spanish and French classes that are being taught. We have had a major schedule change this year to accommodate eight periods in a day which allows our students to have two to three electives for the year, which increased from only having one elective. All of our electives are teacher designed. We find a great need to create curriculum and increase teacher capacity in order to implement quality electives for our students. We are making massive changes in our school's electives offerings to establish a unified pathway, which can't be done without the PD. There is an impetus to create integrated curriculum and projects. We are all very excited to do this but really need the professional development support to learn more, since this has not been done by any other middle school that we know of. We are, therefore, spearheading the program. Students this age want to be involved in real-world projects that integrate with technology and our team wants to stretch our skill sets. We have included our vision (below) of how our electives will look like which will segue into the high school programs.

How will the CUE & ISTE conferences benefit the overall project?

Three of our teachers in the team have attended CUE in the past, but only one of our teachers have attended ISTE. We are looking forward to experiencing an event that brings our team together to learn from innovators, educators, and entrepreneurs from around the world. According to ISTE and CUE reviews, they provide teachers with the ability to network and learn from other educators, share innovative ideas, and find new best practice opportunities. Since we hope to implement new and innovative practices, we wish to become more skilled and learn from other educators who have far reaching experience and know-how.

Proposed Isaac Newton Graham Middle School Pathways by Graham Digital Heroes



*Our school uses the Trimester System. Each Pathway will be 1 year long with classes rotating each trimester. Students are able to choose 2 electives at GMS. Students can choose Pathway A, Pathway B, or both pathways in their first year in our program.

MVLA HS Pathway

Choose Your Pathway

