

HOBART REDEVELOPMENT COMMISSION EDUCATIONAL & WORKER TRAINING GRANT AGREEMENT

THIS AGREEMENT IS MADE by and between the Redevelopment Commission of the City of Hobart, Indiana (hereinafter referred to as "Commission") and the School City of Hobart (hereinafter referred to as "SCOH") as of the date set forth below.

Preamble

The Commission has funds available pursuant to I.C. §36-7-25-7 for grants to support educational programs, work training programs, worker retraining programs, or other programs designed to prepare individuals to participate in a competitive and global economy for the 2021 fiscal year. The Commission has allocated the sum of \$30,000.00 for such purpose.

The SCOH has been awarded a grant to implement the Project Lead The Way (PLTW) Biomedical and Maker Space portions of the *Brickie Innovators* program for students in Kindergarten, Middle School, and High School, as outlined in Exhibit A herewith incorporated by reference into this Agreement.

The grant will allow the SCOH to modernize the PTLW program at the high school level by purchasing updated supplies for the biomedical program and expand opportunities for students to engineer, explore, design, and create by creating maker spaces in the kindergarten and middle school buildings through the provision of a grant reimbursement allocation in the amount **\$18,172.95** by the Commission to the SCOH subject to the receipt of reports and forms as outlined in Paragraph 2 below.

IT IS THEREFORE AGREED BY AND BETWEEN THE PARTIES AS FOLLOWS:

- 1. SCOH Agrees to Perform the following as part of the *Brickie Innovators* program:**
 - a. Purchase biomedical supplies and maker space supplies as outlined in item number 7 of Exhibit A;
 - b. Utilize the biomedical and maker space supplies as outlined in Exhibit A;
 - c. Provide the Commission the right to access and examine records and documents related to the grant administration and outcomes including the provision of site visits by identified City staff;
 - d. Maintain all records and documents for a minimum of three (3) years post acceptance of the final report submitted to the Commission.

2. SCOH Agrees to the following Reporting Schedule and Conditions:

- a. **April 1, 2021** - initial report due and status report on the *Brickie Innovators* program (narrative, SCOH investment to date, numbers served, etc.);
- b. **July 1, 2021** - status report on the *Brickie Innovators* program (narrative, SCOH investment to date, numbers served, etc.);
- c. **October 1, 2021** - status report on the *Brickie Innovators* program (narrative, SCOH investment to date, numbers served, etc.);
- d. **January 1, 2022** - Final report with photos, etc. Summarize all above.

* All required reporting forms will be provided by the Redevelopment Commission. The reimbursement form shall be submitted once all purchases and payments have been completed by SCOH per this Agreement.

3. The Commission agrees to provide to the SCOH:

- a. Provide reimbursement within forty-five (45) days of receipt of the annual reimbursement form (contingent on satisfactory progress and receipt of all reporting requirements as outlined above) in the amount of **\$18,172.95**. The annual reimbursement form is herewith attached as Exhibit B and incorporated into this Agreement by reference.
- b. Provide grant oversight by the Redevelopment Grant Manager to act as a liaison for all grant related issues.

4. Term and Termination:

- a. The term of this agreement shall be deemed to have commenced upon full execution of the original Agreement and shall continue through the acceptance of the final report as designated by the Redevelopment Commission.
- b. All materials as required in Paragraph 2 (a) must be submitted and approved by the Commission for release of grant funds.

5. Entire Agreement: This agreement supersedes all agreements previously made between the parties relating to its subject matter. There are no other understandings or agreements between them.

6. Use of Grant Funds: All grant funds are to be strictly applied to the implementation of the programs' goals and objectives. Any Commission non- approved use of grant funds will require the full award to be returned to the Commission.

7. Unaccounted Funds: Any grant dollars not spent or accounted for by the end of the grant term shall be returned to the Commission.

8. Notices: All notices under this agreement shall be in writing and delivered personally or mailed by certified mail, postage prepaid, addressed to the parties as follows:

SCOH
Attn.: Peggy Buffington, PhD
Superintendent
32 East 7th Street
Hobart, IN 46342

Redevelopment Commission
Attn.: Dawn Hostetler
Redevelopment Grant Manager
414 Main Street
Hobart, IN 46342

9. Non-Waiver: No delay or failure by either party to exercise any right under this agreement, and no partial or single exercise of that right, shall constitute a waiver of that or any other right, unless otherwise expressly provided herein.

10. Performance Requirements: Performance of any duty imposed on either party by this agreement is conditioned on the other party's full performance of all duties imposed by this agreement.

11. Headings: Headings in this agreement are for convenience only and shall not be used to interpret or construe its provisions.

12. Governing Law: This agreement shall be construed in accordance with and governed by the laws of the State of Indiana.

13. Binding Effect: The provisions of this agreement shall be binding upon and inure to the benefit of both parties and their respective legal representatives, successors, and assigns.

14. Reimbursements. No costs incurred prior to the execution of this Agreement will be reimbursed to the SCOH by the Redevelopment Commission.

15. Mandatory Reporting. Grant recipient may be barred from grant funding from the City if the reports outlined in this Agreement do not meet the contractual requirements.

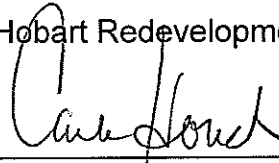
16. Liability and Indemnification. The parties expressly agree that the selection of the materials and equipment to be purchased with the above-identified grant, the determination that such materials and equipment are safe and appropriate for use with students as part of the grant recipient's curriculum, and the supervision of students while using such materials and equipment is and will be solely and entirely the responsibility of the school authorities, and that the Commission, the City of Hobart and their officials and employees shall have no liability whatsoever for any claim of personal

injury, death or property damage arising out of the use of such materials and equipment. Further, the Commission, City of Hobart and their officials and employees make no representation or warranty of any kind with respect to said materials and equipment and specifically disclaim and exclude all warranties of any kind, whether express or implied, including warranties of merchantability and fitness for a particular use. The grant recipient shall indemnify and hold the Commission, the City of Hobart, and their officials and employees harmless from and against any claim, action or cause of action asserted against them by reason of or arising from the use of said equipment and materials by the school, its instructors or students. Such indemnity shall extend to the full amount of any judgment or settlement and the reasonable attorney fees and expenses of litigation of the Commission, City of Hobart and their officials and employees.

IN WITNESS WHEREOF, the parties have caused this agreement to be executed on the date set forth below.

Date: 12/21/2020

City of Hobart Redevelopment Commission

By: 
CARLA HOUCK, President

School City of Hobart

Date: _____

By: _____
PEGGY BUFFINGTON, Ph.D.
Superintendent

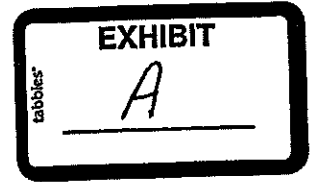
PLTW Biomedical Program

Item	Cost per unit	Qty.	Total Cost
Edvotek Micropipettes 10-100 ul	\$ 111.00	8	\$ 888.00
Edvotek Micropipettes 100-100 ul	\$ 109.00	8	\$ 872.00
Saniclave Autoclave	\$ 760.00	1	\$ 760.00
3D Molecular Design			
Neuron Modeling Kit	\$ 52.00	8	\$ 416.00
Biotechnology Kit	\$ 99.00	8	\$ 792.00
Vernier Sensors			
Go Direct Respiration Belts	\$ 105.00	8	\$ 840.00
Go Direct Temperature Probes	\$ 85.00	8	\$ 680.00
Go Direct Heart Rate Monitors	\$ 95.00	8	\$ 760.00
Edvotek Electrophoresis Chambers			
M12 Electrophoresis Package	\$ 205.00	2	\$ 410.00
QuadraSource Power Supply	\$ 299.00	1	\$ 299.00
Vernier BlueView Transilluminator	\$ 419.00	1	\$ 419.00
PLTW Digital Water Bath	\$ 418.00	1	\$ 418.00
Total:			\$ 7,554.00

MakerSpace

Item	Cost per unit	Qty.	Total Cost
Sail Car STEM activity kit 10 pack	\$ 44.00	33	\$ 1,452.00
Mobile Maker Storage Cart	\$ 999.00	8	\$ 7,992.00
Makedo Cardboard Construction Set	\$ 234.00	5	\$ 1,174.95
Total:			\$ 10,618.95

**HOBART REDEVELOPMENT COMMISSION -
EDUCATIONAL & WORKER TRAINING GRANT
PROGRAM**



The Redevelopment Commission (RDC) of the City of Hobart (City) is seeking applications for 2021 grants allowed under Indiana Code 36-7-25-7 (see attached). The purpose of the grants is to support educational programs, work training programs, worker retraining programs, or any other program designed to prepare individuals to participate in a competitive and global economy. It is the intention of the RDC's grant program to 1) promote redevelopment and economic development in the City and 2) support programs or expenses which are in the best interest of the City's residents. A majority of the people served by the grant program or expense should be residents of Hobart.

In 2021, \$30,000 will be available for grant payment. Grant availability in future years is unknown at the present time. The RDC may make a single grant, multiple grants, or no grants based on the grant applications received. Grant selection is not determined on a point based system but may be in the future. Grant awards will be recommended by the Grant Committee of the RDC to the entire RDC for approval. Award notification will be made by the end of the year.

Grants are a reimbursement type of grant. Applicants must incur 100% of the expense and then provide the required documentation to seek reimbursement. (A reimbursement request form with submittal instructions will be provided to grant awardees.) An agreement between the Applicant and the Hobart Redevelopment Commission must be fully executed before any grant funded expense can be incurred. A resolution will be passed by the RDC authorizing the grant award and the execution of an agreement. Both documents will include the RDC's findings of fact as required by State statute.

Documentation of compliance with grant conditions must be submitted every 90 days during the term of the grant. Reimbursement of expenses from grant funds will take no longer than 45 days upon submission of a completed request for grant funds. Approval of claims for grant expenses will be done at a meeting of the RDC. A final written report with photographs must accompany the final request for reimbursement. (An outline of what to include in the final report will be provided to grant awardees.) All grant and compliance information submitted will become public record.

Any publicity related to the program or expense funded by a grant must also credit the Hobart Redevelopment Commission.

The RDC operates without discrimination as to age, race, sex, color, religion, sexual orientation, gender identity, disability, income status, or national origin in the consideration of grant requests. The RDC funds only grant seekers who do not unlawfully discriminate as to age, race, sex, color, religion, sexual orientation, gender identity, disability, income status, or national origin.

Grant recipients must comply with IC 22-5-1.7-1 (E-Verify Program) for grants over \$1,000.00.

Applications are due by 12:00 p.m. on Monday, November 2, 2020, to Redevelopment Grant Manager, Dawn Hostetler, 414 Main Street, Hobart, IN 46342. dhostetler@cityofhobart.org 219-942-5517

The RDC encourages your questions which should be directed to Ms. Hostetler.

Five hard copies and one electronic copy are required. Incomplete applications will not be considered by the Grant Committee or the RDC.

9/21/20

Include in the grant application submission the following information.

- 1) Name of Organization or Individual Seeking Grant (*the Applicant*).

School City of Hobart (SCOH)

- 2) Contact information for Applicant (*include Name/Title of Contact Person, E-mail, Phone #, Fax #, and Mailing Address*)

Dr. Peggy Buffington, Superintendent for School City of Hobart

Email: peggyb@hobart.k12.in.us, Phone: (219) 942-8885 Fax: (219) 942-0081 Mailing address: 32 East 7th Street Hobart, IN 46342

Christopher King, Director of Technology, cking@hobart.k12.in.us

**Tammy May, Technology Professional Development Coordinator.
tmayclass@hobart.k12.in.us**

- 3) Legal Status of Applicant.

Local Educational Agency (LEA)/Government Not-For-Profit Organization

- 4) Identify the Grant Administrator if different than the Contact Person.

There is not a separate grant administrator.

- 5) Please provide a concise summary of the Applicant's purpose and identify the governing body (*Board of Directors, School Board, etc.*) Provide a website address if such exists.

According to the School City of Hobart (2015) School Improvement Plan:

Vision for Student Learning: The School City of Hobart Community will foster intellectual curiosity, natural abilities, critical thinking, and literacy in students while developing respectful and responsible citizens who are excited about the challenges of tomorrow, confident in their ability to chart the future, and dedicated to the pursuit of lifelong learning.

Mission: The primary mission of the School City of Hobart and the Board of School Trustees is to continually provide effective community schools.

A. Our Schools Equip Children for Adulthood

Effective Community Schools adequately equip young people for adulthood in the 21st century. Our students must be prepared both for employment and for day-to-day living in a complicated and rapidly changing world. This necessitates that our schools provide

students with the intellectual tools necessary for life-long learning. Among these tools must be: skills to facilitate participation in a democracy, communication skills, critical thinking, and other flexible learning skills as well as the ability to work both individually and in a team situation. It is expected that these skills be developed through all curricular areas.

B. Our Schools Address the Needs of Individual Students

Effective Community Schools address the needs of individual students and focus on individual development. Students bring to the schools a great diversity of interest, aptitudes, motivations and learning styles. Our schools must be able to address this diversity by identifying individual needs, responding with appropriate teaching strategies, flexibly meeting these needs and recognizing each individual student's ability to contribute to the school community.

C. Our Schools Are Community Schools

Effective Community Schools are necessary to a healthy community. Our schools must always recognize their affirmative duty to the entire community, including families, government, business and industry, other institutions, civic groups and individual citizens. Our schools must draw from the strengths of this community to identify and accomplish their goals.

D. Our Schools Are Committed to Success

Effective Community Schools fully utilize the resources of the entire school community (administration, teachers, support personnel, families and students) in all aspects of school life. Our schools cannot succeed without the committed involvement of all.

The school district's governing body is the School City of Hobart School Board.

- 6) Explain the program, expense, or equipment that the grant will be funding and include the dollar amount of the grant request.

SCOH is requesting funding to support three initiatives: Providing new and modern equipment for our biomedical program at Hobart High School, expanding STEM rooms/Makerspaces in our four elementary schools and our middle school, and increasing access to 3D printers for Kindergarten through 8th grade.

SCOH has included Project Lead The Way (PLTW) programs as part of the curriculum for over 20 years. PLTW is a hands-on STEM program that engages students and prepares them for future science, technology, engineering, and mathematical educational pathways and careers. One component of this program is the Biomedical program at the high-school level. Students solve medical mysteries using the same process that those in the medical field would. They apply their knowledge and use medical tools and simulations as they collaborate to solve these challenges and develop treatment plans for simulated patients. This program is in need of updated materials to support students in their learning. Using up to date materials will allow students to engage in modern biomedical learning opportunities that will prepare them for future medical careers.

A PLTW biomedical teacher says, "It is always exciting to see students find passion for science and medicine as they progress through the program." Feedback from students is also very positive. Some of their comments include:

"Being a part of this class has educated me on many health issues that can go wrong with our body, which is very important since some of my friends and family have health issues. It's very nice to know about their condition in detail and how I can help them with my future medical career."

"The PLTW program has been beneficial for me because it has allowed me to explore different areas in the medical field and different parts of the human body. For example, I got to learn about the heart, kidneys, muscles, eyes, ears, digestive system, etc. It has given me new interests in what type of doctor I would like to become in the future. PLTW has helped me develop a much deeper passion for medicine than any other class I have taken here at Hobart High School."

"What made PLTW a great class/educational experience for me was when we were able to come up with our own skin cancer lab. I chose to research my own makeup products and test the claims the company made and doing all the research and carrying out the experiment reinforced my passion for cancer research."

SCOH has begun the process of creating maker spaces in each of the 3 elementary buildings that house grades 1-5. We are looking to expand the opportunities available in these spaces as well as starting spaces in the Kindergarten and middle school buildings. These spaces will offer students a wonderful opportunity to engineer, explore, design, and create. These are skills that 21st Century workers will need. In addition, these rooms can support all curriculum areas because the materials can be used in conjunction with nearly any subject area. These will be inviting and creative spaces that students and teachers can use for teacher-led lessons or for Genius Hours. Genius Hour is time set aside for students to work on projects of their choosing. This concept has been discussed in many different books in the popular press. It has been found to have many benefits to productivity and learning.

We also have some resident experts at the district level including curriculum directors, our technology director who has done extensive reading on Makerspaces, our technology professional development coordinator who has experience using many of the items and can offer hands-on support during training and while teaching, and a supportive superintendent who will encourage teachers to make the best use of these spaces. We also have experts at the school level including teachers who have attended off-site maker trainings and those who have been using some of these tools independently on a smaller scale, such as during maker's after school clubs.

SCOH would love to add a 3D printer at each elementary building in the district as well as the middle school. Adding 3D printers to the elementary curriculum would allow for students to see the real-world capabilities of skills they learn. For example, in the fifth-grade PLTW robotics module, students investigate different types of robots. One robot they explore is 3D printers. Giving students the opportunity to interact with and use a 3D printer would bring this material to life and enable students to see more of the amazing things made possible through STEM fields. Each of these buildings has one 3D printer at present. However, given that there are over 20 classrooms in some of the buildings, adding

an additional printer will increase access significantly. The middle school has a PLTW class that makes dedicated use of the 3D printer. Adding a printer there will increase opportunities for students to see their engineered products come to life as more students will be able to see the printer working due to greater access.

Another way these printers will increase access is that the programs used to create objects for the printers are compatible with chromebooks. Each of our students is issued a chromebook each school year, so they will all be able to create for the printers using these devices. Finally, any time teachers use something new, support and training is needed for a more successful implementation. SCOH sees the value in teachers feeling prepared to use materials, and is therefore including teacher professional development as a grant item. This PD item includes many teachers using the 3D printers to make and create as students would in addition to seeing the teacher side of 3D printing. SCOH has a long tradition of training the trainer, which will allow this knowledge to spread.

7) Explain in detail how the grant funds will be spent.

Item	Cost per Item	Quantity	Total Cost
PLTW Biomedical Program Needs			
Edvotek Micropipettes 10-100 ul	\$111	8	\$888.00
Edvotek Micropipettes 100-100 ul	\$109	8	\$872.00
Saniclave Autoclave	\$760	1	\$760.00
3D Molecular Design			
Neuron Modeling Kit	\$52	8	\$416.00
Biotechnology Kit	\$99	8	\$792.00
Vernier Sensors			
Go Direct Respiration Belts	\$105	8	\$840.00
Go Direct Temperature Probes	\$85	8	\$680.00
Go Direct Heart Rate Monitors	\$95	8	\$760.00
Edvotek Electrophoresis Chambers			
M12 Electrophoresis Package	\$205	2	\$410.00
QuadraSource Power Supply	\$299	1	\$299.00

Vernier BlueView Transilluminator	\$419	1	\$419.00
PLTW Digital Water Bath	\$418	1	\$418.00
Total for PLTW Biomedical Supplies			\$7,554.00
MakerSpace Needs			
Sail Car STEM activity kit 10 pack	\$44.00	33	\$1,452.00
Mobile Maker Storage Cart	\$999.00	8	\$7,992.00
Makedo Cardboard Construction Set	\$234.99	5	\$1,174.95
Total for Maker Space Supplies			\$10,618.95
3D Printing Needs			
Inventor IIS Bundle Includes <ul style="list-style-type: none"> • An Inventor IIS 3D Printer from Flashforge with Wifi connectivity and an integrated HD camera for remote monitoring of printing • 12 month service agreement • Installation and safety training • PLA filament • Warranty, delivery, and calibration • Curriculum from FlashForge • Software is compatible with Chromebooks 	\$1,639.00	5	\$8,195.00
Professional Development	\$999	1	\$999.00
Total for 3D Printing			\$9,194.00
Grand Total			\$27,366.95

8) Explain when the grant funds will be spent, include start and stop dates.

Expenses will begin as soon as possible in the 2021 calendar year with the goal of items being in place in schools for the start of the 2021-2022 school year. Makers supplies and 3D printers will be purchased before or during the summer of 2021 to be in place for the start of school in 2021.

9) Provide a short title for the grant request.

Brickie Innovators!

10) Calculate and/or explain the Return on Investment for the grant funds.

This program will bring a large return-on-investment to the City of Hobart. SCOH graduates college and career ready students.

The PLTW biomedical program provides a wonderful opportunity for students to experience the authentic tasks that medical professionals do, thus increasing the likelihood of these students becoming medical professionals themselves in the future. Students learn techniques that are used in the medical fields such as DNA and protein gel electrophoresis, PCR, ELISA, microarrays, biopsies, antibiotic sensitivity test, and much more. Students also experience simulations that teach them techniques used in medical careers such as stop the bleed, placing IVs, and taking blood pressure. Students in this program gain skills and experiences that introduce them to all different fields of medicine.

Providing opportunities for students to practice the engineering design process through maker spaces and 3D printing will pave the way for future engineers and designers. Innovation will be much needed in the 21st century as we continue to see technological advances in all areas of life. Providing students with the opportunity to see that they can make and create will encourage them to continue such pursuits into the future.

11) Explain if other funds are secured for the program or expense proposed for grant funding.

The state offers STEM grants which will be explored in future years. The PLTW program itself is funded. Adding the resources in this grant will assure that students can continue to work with modern medical equipment to gain a more authentic experience.

12) Explain if there is public outreach and if so, provide details on this effort.

The STEM/Maker rooms are a great opportunity for community outreach. During a typical year, many parents are in the schools during back-to-school nights, parent/teacher conferences, and other school events. This presents an opportunity to open the STEM/Maker spaces and invite families into them to explore materials or view completed projects on display. Family support and excitement can make a tremendous difference in a child's motivation to learn, and allowing families to experience these spaces is a great way to build family and community support.

SCOH hosts a maker faire each spring, and we would encourage students to enter the items they create or are inspired to create through the use of the maker spaces and 3D

printers. The maker faire is a great opportunity for the public to see and enjoy these items and our students' creativity. Our maker faire even continued in a virtual format last year during the COVID 19 pandemic-related statewide school closure. As state-certified STEM schools, we have a network of community outreach in place including the maker faire. Finally, our high school students have entered innovation/entrepreneurial competitions over the past several years with great success, including Innovate WithIN.

- 13) Explain how the Applicant will measure success related to the grant funded program, expense, or equipment.

8th and 12th grade students in SCOH participate in exit surveys each year. The success of this project can be measured in part through the results of these surveys. We would expect student reactions to engagement and collaboration to increase as we increase the numbers of students routinely participating in STEM activities through Makerspaces and 3D printing.

The STEM rooms will be available for any teacher to use with classes. A sign up process will be used to ensure teachers have access to the room when needed. This allows for a large impact from the space and the ability to measure impact through reservation logs. It is the hope of SCOH that every child in these elementary schools will have the opportunity to use and create in the STEM room. The rooms will be promoted and usage will be measured based on the sign up system. Impact can be indirectly measured by entries at the SCOH annual MakerFaire in April.

- 14) Identify any partner organizations involved in the grant and explain their role and responsibilities.

The School City of Hobart has partnered with Project Lead the Way since 1999 to bring innovative engineering and design programs to students in Hobart. We will continue to expand this partnership through the grant by providing students with opportunities to use advanced medical equipment in our biomedical program.

We have a strong partnership with the Center of Workforce Innovation in order to provide students with the college and career readiness skills needed to become successful citizens in a dynamic and increasingly technological world. SCOH will invite alumni members to speak with students about real-world experiences with engineering and computer science as much as is possible given the current COVID-19 pandemic and visitor restrictions. This partnership also keeps us informed of workforce demands.

Purdue University Northwest is our partner for a Walk Into My Future program, which provides STEM related opportunities which will build on those opportunities available to them at the School City of Hobart.

- 15) Explain why the Applicant is seeking funding for this grant program, expense, or equipment.

Our PLTW biomedical program is in need of new and modern equipment to continue to provide students with authentic medical experiences. Expanding STEM rooms/Makerspaces will increase the opportunities for students of SCOH to experience designing, engineering, and using computer science skills in a creative and vibrant environment. All of SCOH schools are STEM certified, which means STEM curriculum is already being incorporated into classroom activities. Expanding these rooms and access to 3D printers where teachers can bring classes to apply the skills they are learning and to be

creative will add to the learning experience. These rooms are a great fit with our school culture and overall goals.

16) Identify any Hobart and/or Lake County businesses who will benefit directly or indirectly from the program or expense proposed. Explain the benefit in detail.

Any business that uses or depends on medical skills, engineering, or innovation will benefit from this program. The PLTW focus is to develop critical thinking and engineering skills in students along with biomedical knowledge and experience. The biomedical programs on which SCOH will focus will expose students to the field of medicine who might not otherwise consider careers in the field.

The MakerSpaces and 3D printers will foster a spirit of curiosity and innovation in our students. This is already happening, as SCOH students won first and second place at the 2020 Innovate WithIN statewide competition last spring. This pitch competition was for high school students who created a new product. Adding makerspaces and 3D printers to our elementary and middle schools will increase exposure and opportunity for the next generation of makers and innovators.

17) Are there planning documents to support the requested grant program, expense, or equipment and if so, attach documentation.

PLTW provides standards-alignment documentation, planning documents, and scope-and-sequence models to guide what needs to be taught and when in order for students to progress. These guides have been developed by experts in the field, and they have been used in classrooms across the country. This eliminates guesswork which may be associated with developing a program. The program has already been tested. PLTW determines the materials required for the successful implementation of these programs.

Further information on the PLTW Biomedical Program may be found here:

<https://www.pltw.org/our-programs/pltw-biomedical-science>

Curriculum notes and standards alignment may be downloaded here:

<https://www.pltw.org/our-programs/pltw-biomedical-science-curriculum>

The Partnership for 21st Century Learning has developed a framework for 21st-century skills (<http://www.p21.org/our-work/p21-framework>) including collaboration, communication, and creativity as well as the use of technology and media tools. This resource provides a guide for schools, districts, and educators who wish to know more about implementing 21st-Century Skills.

There are many resources for Makerspaces. In planning our spaces, we have been in communication with 1st Maker Space. This company is located in Indiana and has done an on-site visit to offer more customized suggestions based on our district's needs. They specialize in planning spaces as well as providing products and the training and support needed to assure a successful implementation. In addition, they have worked with us on recommending the 3D printers included in this grant application. Their website is:

<https://1stmakerspace.com/>

Another source we have relied on in planning is the Makerspaces website:

<https://www.makerspaces.com/>

Members of SCOH have toured Makerspaces in other schools and community locations to learn more about these spaces. We also have our resident experts who have attended workshops and conferences on Makerspaces/STEM rooms.

18) Provide any other information that the Applicant thinks would be beneficial for the RDC to know that would aid in selecting your grant application for approval.

SCOH has been reading and learning about these spaces for several years. We have also already implemented some of the tools on a smaller scale in individual classes and media centers. We feel prepared to get these spaces running once they are ready for use by classes. Our certification as STEM schools by the Indiana Department of Education is further evidence that we have the background needed to make this project successful. These spaces will offer our students and teachers a wonderful and needed opportunity.

19) Have you researched and identified other organizations or individuals who are currently providing a similar program or have made a similar expense? Explain why your program or expense is warranted, if a similar program exists, or a similar expense has been made by another organization or individual.

PLTW uses a national K-12 curriculum. SCOH has been using PLTW modules at the high-school and middle-school levels since 1998. Other schools are creating Makerspaces. We have looked at the space at Chesterton Middle School, for example. The space allows the needed room and materials to come together to provide classes with the opportunity to create and explore. Many of the materials we have selected include lesson plans that tie in with the curriculum, and we have included teacher professional development, which will make the space and materials even more useful.

References

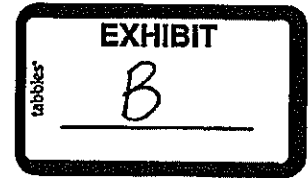
School City of Hobart. (2015). School city of hobart's district strategic plan for continuous school improvement: Building college and career ready brickies! Retrieved from

<http://hobart.schoolwires.com/cms/lib/TN01000440/Centricity/Domain/10/SCOH%20District%20Strategic%20Plan%202015-16.pdf>

9/21/20



REDEVELOPMENT COMMISSION



EDUCATIONAL & WORKER TRAINING GRANT REQUEST FOR REIMBURSEMENT

_____ has incurred the following expenses under
(Name of Grant Recipient)
the grant approved by the Hobart Redevelopment Commission on _____, 20__.
A copy of paid invoice(s)/purchase order(s) is/are attached to this form along with cancelled
check(s).

_____ requests reimbursement in the amount of
(Name of Grant Recipient)
\$_____ for expenditures made pursuant to the approved grant. This
requested amount represents 100% of the approved grant.

Date: _____

By: _____

Title: _____

Instructions to Grant Recipients

1. 100% of the approved grant program or expense is to be paid by the grant recipient. Upon submission of proof that all work has been completed and paid for, the RDC will reimburse the grant recipient at 100%. This reimbursement shall not exceed the grant award amount included in the Grant Agreement. There is no reimbursement for expenses incurred prior to full execution of the Grant Agreement.
2. After 50% of the project is complete, submit a mid-project report to the Director of Development.
3. If the Director of Development and/or RDC has any grant compliance concerns after the submission and review of the mid-project report, the grant recipient will receive written correspondence outlining these concerns. Discussion between the RDC and grant recipient will then be held to resolve concerns.
4. Once the project is complete, submit the attached Request for Reimbursement form with required supporting documentation, the final report, and a CD of photographs that represent the grant program or expense.
5. A completed IRS Form W-9 must be received and on file with the RDC to receive reimbursement.
6. Questions may be directed to the staff member identified below as well as all submittal requirements.

Dawn Hostetler
Redevelopment Grant Manager
414 Main Street
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(219) 942-5517
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