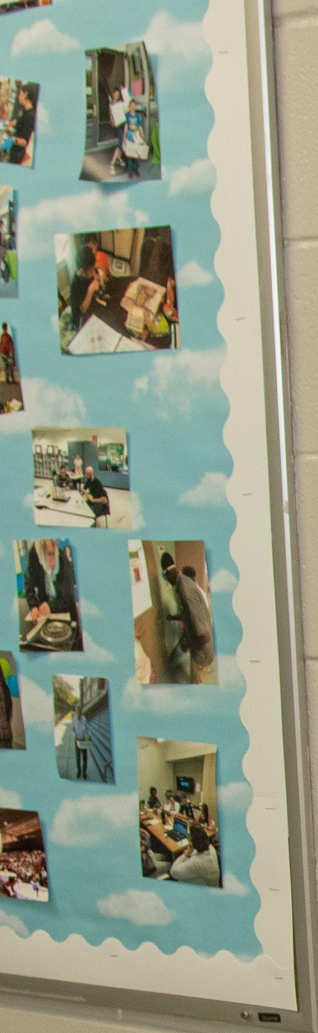


STEM  
LIBRARY  
LAB

# 2019-2020 Annual Report





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# A MESSAGE FROM OUR DIRECTOR

2020 has been a bit of a roller coaster for us all, and as any Physics teacher will remind you, while at the coaster's apex you may be moving the slowest, it is also the place with the highest Potential Energy. In spite of its challenges, this year has been one of considerable and lasting growth for STEM Library Lab. We moved locations, launched the SLL on Wheels delivery service, opened our Educator Resource Center including our Free-Store, Copy/Print Center, and Co-working Space, and oversaw significant growth not only in the quantity of usage from the Library, but also in our capacity to support rigorous, high-quality learning experiences for local students in K-12 classrooms. In this shortened school year, we supported 145 teachers across Orleans, Jefferson, and St Bernard Parishes, benefitting over 8,000 unique students. We developed Professional Development supports and piloted them with teacher cohorts as well as schools. We pivoted and implemented virtual instructional and pedagogy resources to assist teachers with the transition to distance learning during the spring school closures. Our team and Board also



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took the time to reflect internally on our operations and culture, to ensure that we are building the foundation of an organization that all stakeholders can be proud to represent. And now, as the roller coaster crests, we are poised to turn that Potential into the Kinetic Energy of motion and hit the ground rolling in the new school year!

A handwritten signature in black ink, appearing to read 'L. O. O.', is written over a light blue horizontal line.



## Our Vision

Every child has the opportunity to discover their passion for STEM and pursue a brighter future.

## Our Mission

STEM Library Lab fosters academic success by providing teachers and students with access to equipment and support for high-quality active learning.

## Our Values

Community Through Support  
Equity Through Access



# SUCCESS AT A GLANCE

SAVED MEMBER SCHOOLS

\$172,000 141% increase

STUDENT INTERACTIONS

17,100 27% increase

ITEMS BORROWED

2,093 165% increase

MEMBER SCHOOLS

27 69% increase

TEACHERS BENEFITED

145 73% increase

LESSONS CULTIVATED

1033 59% increase

TEACHER  
SATISFACTION

100%

would recommend  
SLL to a friend.



STEM LIBRARY LAB



# ELIMINATING BARRIERS

With the goal of **eliminating the barriers which are preventing our schools from providing the highest caliber of STEM instruction, 2019-2020** has seen the dial move. Along with our teachers, we identified 9 barriers to this goal:

1. Understanding of the LSSS standards/expectations
2. Access to pre-prepared lessons or curriculum
3. Access to STEM specific equipment
4. Access to basic classroom equipment
5. Time available to plan lessons
6. Knowledge of specialized equipment options
7. Knowledge of high-level instructional strategies
8. Classroom management and environment soft skills
9. Specific STEM content knowledge

**We set out to devise solutions to these barriers** through bolstering the programs we currently operate and by expanding our services into new avenues.

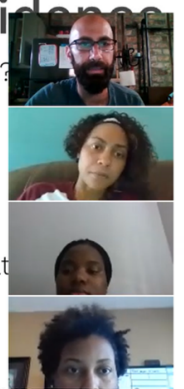
## Engaging in Argument from Evidence

Argumentation answers the question: "How do you know?"

Argumentation requires students to

1. Make a claim, and
2. Provide evidence (ideally in the form of data or observation)

...discussion or argument can be...  
Let's dissect and solve them.







# OPERATIONALIZING RACIAL EQUITY

Internally, we assessed how strongly SLL upholds our core values through our embedded operations. We made a commitment to:

- a board and staff representative of city-wide demographics,
- working with vendors of color for business-service needs—graphic design, print, insurance brokerage and bookkeeping
- robust hiring practices that outreach to many systemically disadvantaged affinity groups
- program evaluation to ensure diverse stakeholders are engaging with our service offerings





## EQUIPMENT LENDING CO-OP

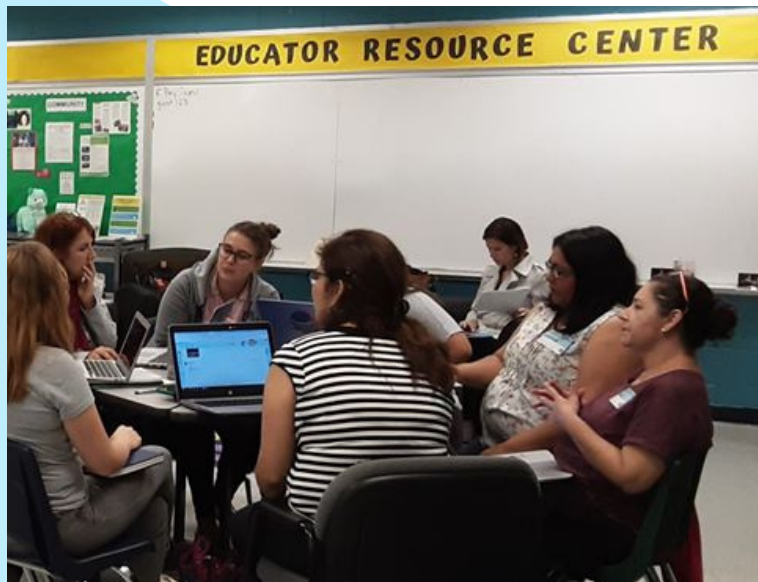
has been our signature program since 2017. Support from the Joe W and Dorothy Dorsett Brown Foundation, as well as the New Orleans Hash House Harriers and Entergy Corporation enable the ELC to operate for teachers across the city.

- Inventory Value - \$183, 191
- Average Savings/Borrow- \$429
- Total Borrows- 322

## SLL ON WHEELS

provides equipment to teachers who cannot pick up from the library directly. *SLL on Wheels* delivery service launched in January just in time to effectively serve schools during the spring school closures. We are very grateful to the Selley Foundation- Greater New Orleans Foundation, and the Joe W and Dorothy Dorsett Brown Foundation.



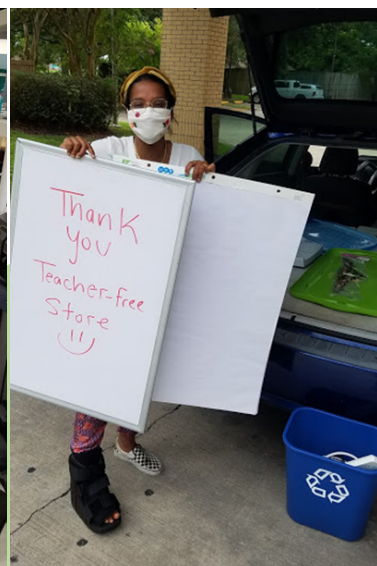
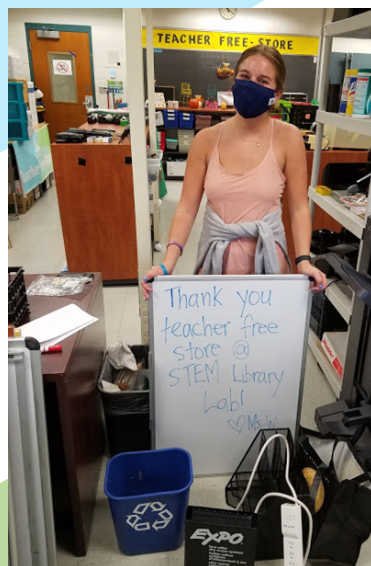


## THE EDUCATOR RESOURCE CENTER

creates a space for teachers to meet and plan individually or in small groups, or to simply relax and grab coffee and snacks, thanks to support from the Probono Publico Foundation.

## THE TEACHER FREE-STORE

provides classrooms supplies at no cost for teachers. Any local educator, formal or informal, can browse the store and take home much needed materials.

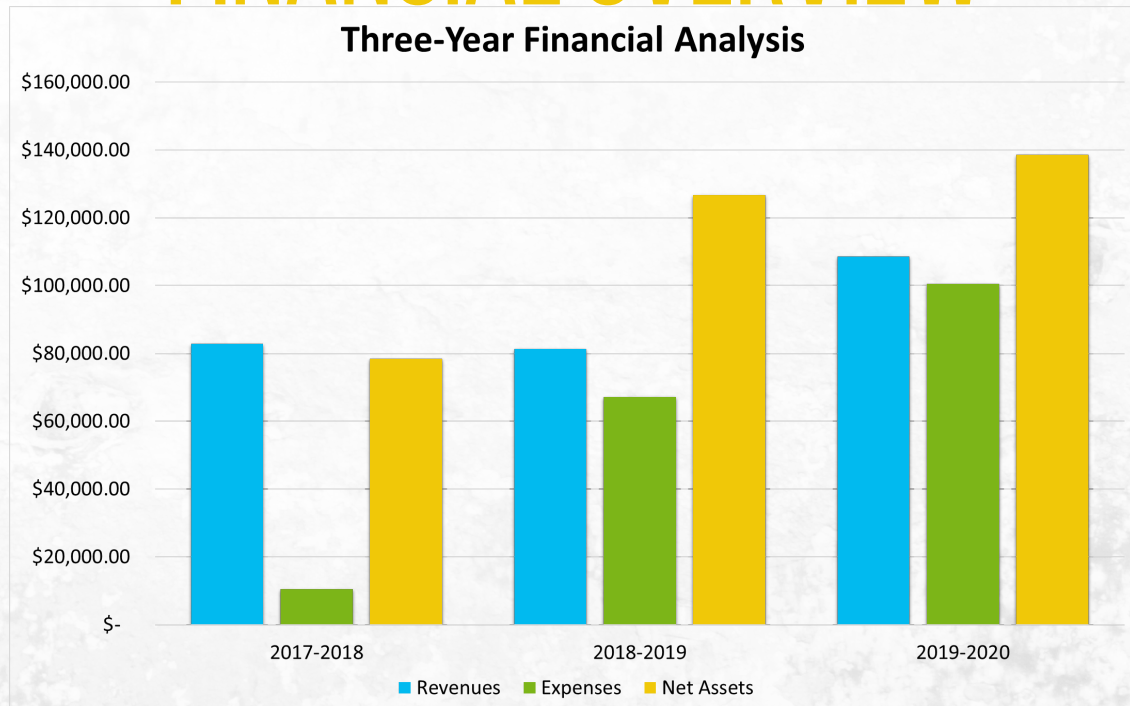


## THE COPY/PRINT CENTER

enables teachers with the use of a poster printer and laminator at no charge, providing them the space to exercise their creativity. Made possible with support from Cox and the Vincent Memorial Legacy Fund.

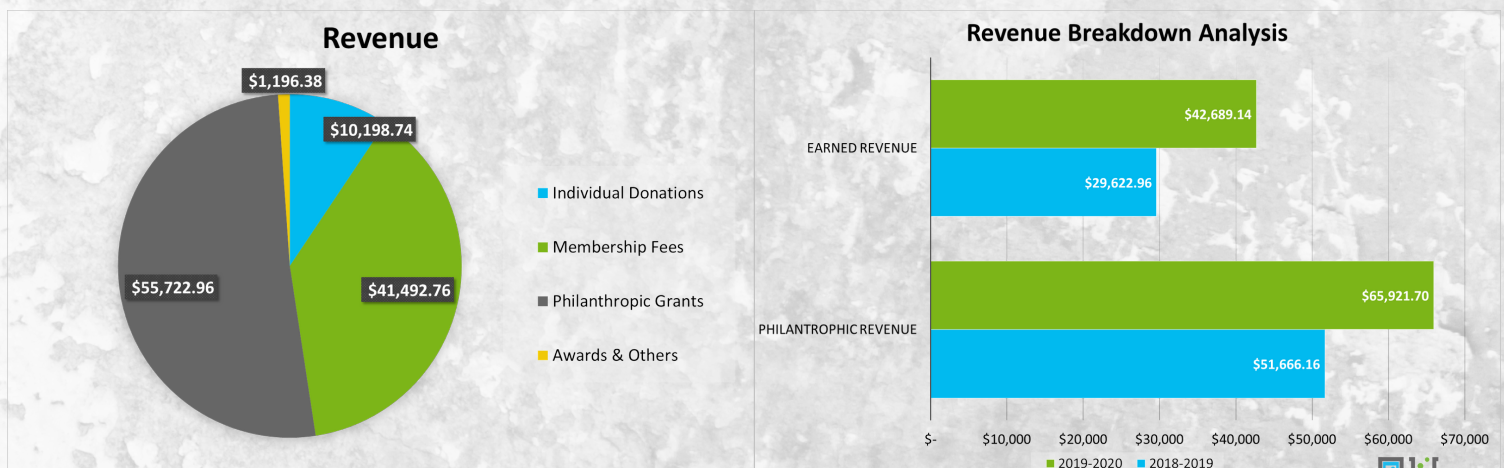


# FINANCIAL OVERVIEW

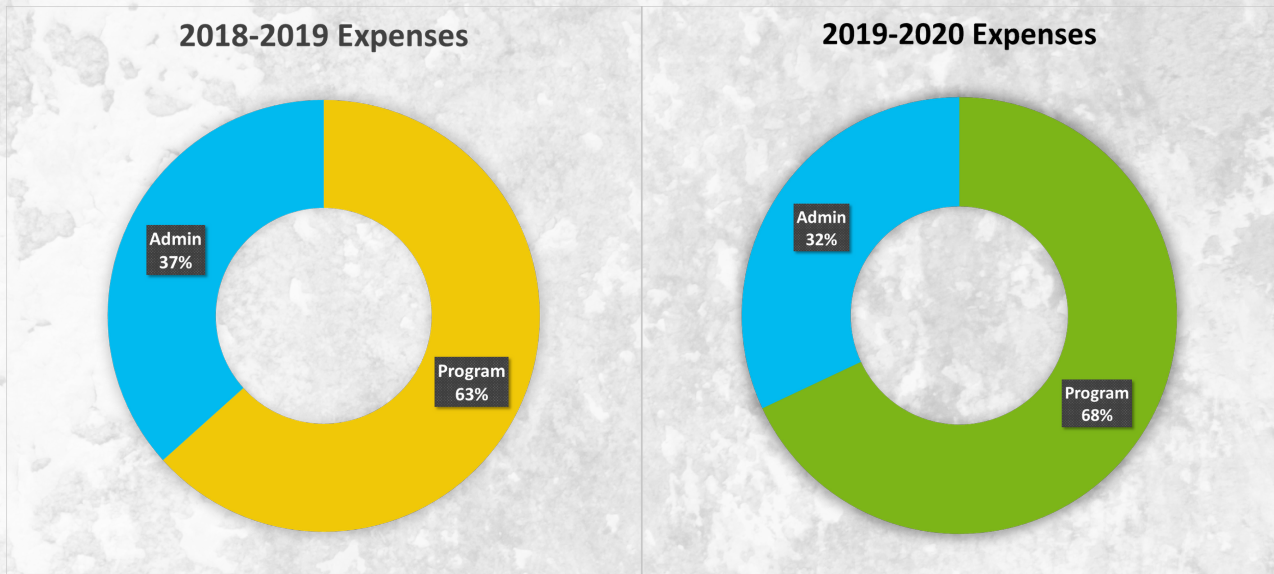


Through new school memberships memberships in 2020, SLL increased earned revenues by 44% from 2019. Philanthropic revenues also increased, enabling us to implement and grow our new programs and service offerings.

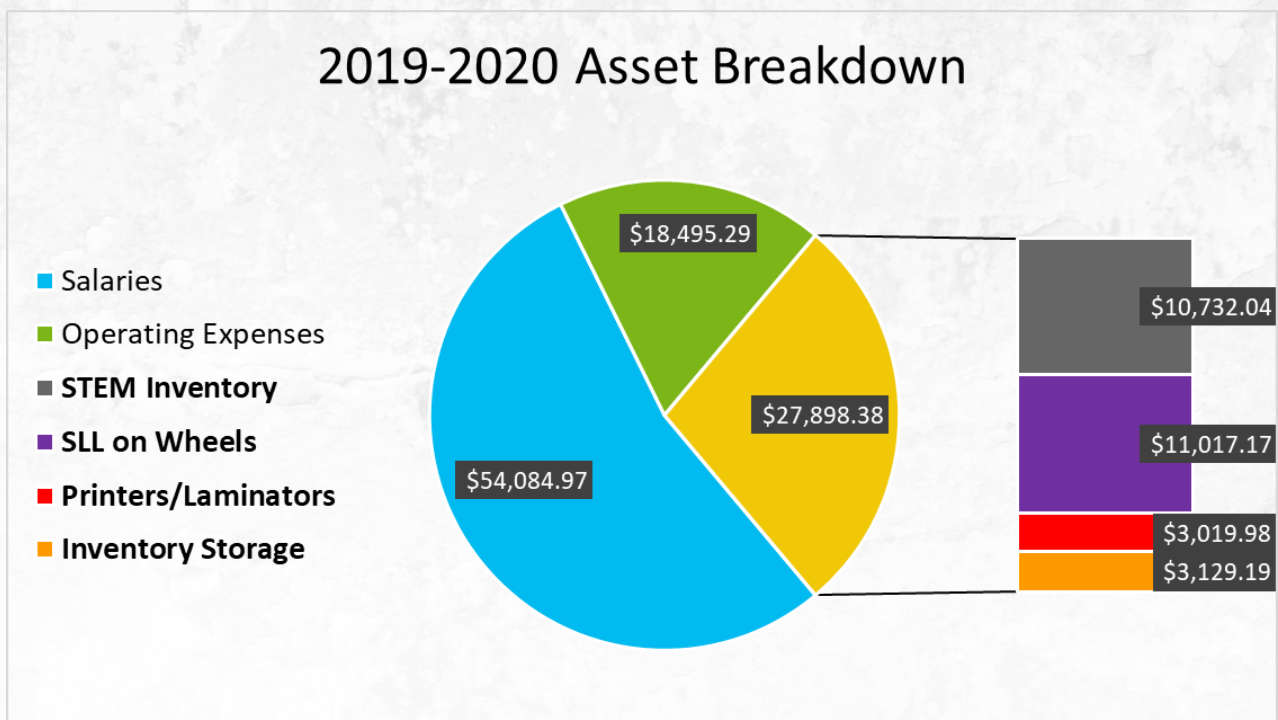
In line with our mission, SLL will continue to grow and invest in the tools and resources necessary for teachers to adapt to distance-learning and new challenges that may arise in the education system.



# EXPENSES



2020 program expenses represent the shift toward expanding the variety of programs in service to eliminating barriers. A portion of the expenses went towards the purchases of major assets including *SLL on Wheels*, new STEM inventory for the Co-op, and equipment for the Copy/Print Center.





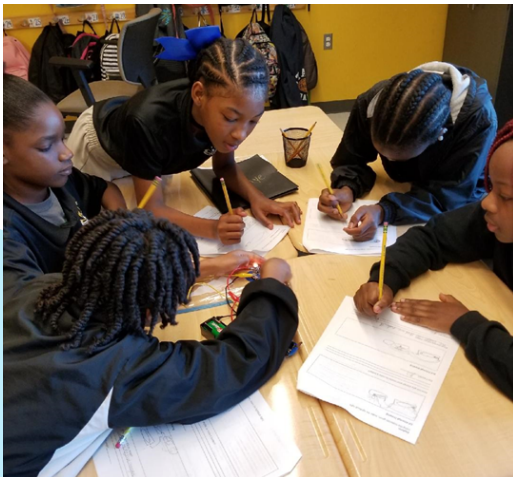
# OUR MEMBER SCHOOLS

Representing the community - 26 schools, 8 zip codes, 2 parishes, serving grades PreK-12

## Kindergarten - 8th grade

Hynes Charter  
IDEA Oscar Dunn  
Laureate Academy  
St. Pius X  
Bricolage Academy  
Lycee Francais

Foundation Prep  
International School of Louisiana  
Crocker College Prep  
Center for Resilience  
Pierre Capdau



## High School

New Harmony High  
The NET Gentilly  
The NET Central City  
Abramson Sci Academy  
Livingston Collegiate Academies  
Carver Collegiate Academy  
Rosenwald Collegiate Academy  
Renew Accelerated High School

Renew Accelerated High School  
Rooted School  
Cohen College Prep  
Youth Empowerment Project  
Living School  
International High School  
KIPP Booker T  
John F Kennedy High School

# WHAT DOES THE FUTURE HOLD?



2019-2020 was about finding solutions to the barriers facing STEM Teachers. In the new school year, we will not lose sight of this goal- PD Workshops on instructional practices, and a commitment to inquiry learning in Virtual Classrooms are front of mind.

Beyond this, 2020-2021 will be about consolidating the STEM Education Ecosystem and amplifying the voices of high quality programming from stakeholders throughout the community. Our aim will be delivering the best resources to the right users, and creating lasting partnerships between nonprofits, education and industry.



# YOUR SUPPORT EMPOWERS OUR WORK

## Philanthropic Foundation Partners

Joe W. and Dorothy Dorsett Brown Foundation

Selley Foundation Fund of the Greater New Orleans Foundation

Emerging Philanthropists of New Orleans

Pro Bono Publico Foundation • New Orleans Hash House Harriers

Trinity Episcopal Church Vincent Memorial Legacy Fund

Cox Communications • Entergy Corporation

## Monthly Donor Club

David Gibbons • Barbara MacPhee

## One-Time Donors

William E. Watson • Emil & Patty Wong

Marcia & Paul Wiedefeld • Madeline

Commander • Yo & Wayne Wackerman

Hank Wiedefeld • Cidney Christie

Elizabeth & Keith Crawford • Jean May-

Brett • Michelle Wright • Cobren Greer

Meghan Stroh • Jay Henderson • Julia

Lang • Diana Turner • Alex Owens • Faith

Simmons • Marina Schoen • Colin Ash

Mandy Nguyen • Shannon Perry • Calvin

Mackie • Byron Stuart

## In-Kind Support

Foundation Preparatory

Charter School • Propeller

Bart's Office Furniture, Inc.

Shell Oil Company • Office

Depot • Making Sense of Cents

Kapwing Studio • Hero Digital

Fidelity Bank • Tia Nash

Photography • Catty Shack

Taqueria • Reginelli's • N. O.

Chamber of Commerce • 89.9

WWNO. • Adolfo Caballero

Tulane Center for Public

Service • Notre Dame Mission

Volunteers

## Volunteers and Interns

Diana Shaw • Ashwin Dcunha • Hannah Paulding • Young Leadership

Council • Lucid • Ariel Amgott-Kwan • Sharon Danjuma • Nicole Reeder

# HELP US ACHIEVE SUCCESS IN 2021

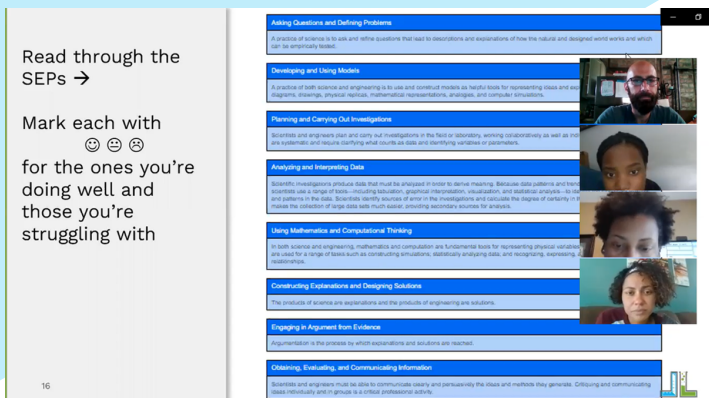
## Teacher Free-Store

Connect STEM Library Lab to a business or a person that has supplies to donate to The Teacher Free Store. Teachers need supplies for their actual classrooms as well as their virtual classrooms! You can help keep teachers in greater New Orleans well-resourced throughout the school year.



## Professional Development

Introduce us to schools whose teachers want high-quality science professional development. STEM Library offers science methods and pedagogy PD workshops "Engaging Students in LSSS-Aligned Instruction". It works as a boot camp before the school year or as a bi-weekly workshop to stay prepared during the school year. Our virtual options align to the CARES Act funding provisions.



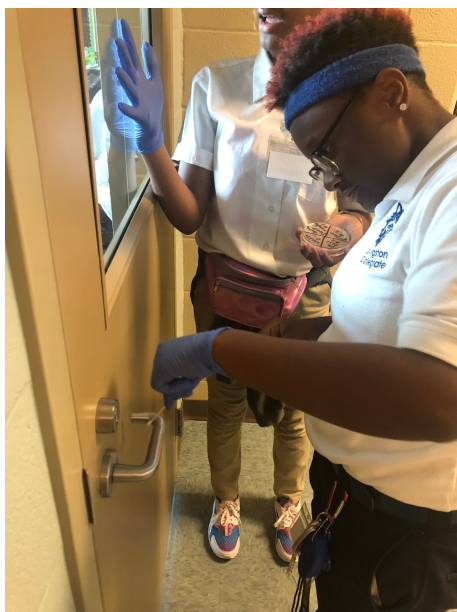
## Volunteer

Come help out for a day or join our crew of fantastic recurring volunteers. We are growing and making changes to our space. The Teacher Free Store and the Equipment Lending Co-op need some love. We will keep groups to four or less to ensure that COVID-19 physical distancing requirement are met.



We would love to hear from you!  
[info@stemlibrarylab.org](mailto:info@stemlibrarylab.org), 504-517-3584





[WWW.STEMLIBRARYLAB.ORG](http://WWW.STEMLIBRARYLAB.ORG)

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