

FULL METAL BEAVERS, INC.

ANNUAL  
REPORT

2020

Equity. Opportunity. Unity.

# Message From Our Mentor



## **Raymond French**

Lead Mentor, Founder, and CEO,  
Full Metal Beavers, Inc.

Every young person needs access to opportunity. They need the opportunity to gain new skills, the opportunity to go to a good college, the opportunity to lead, and the opportunity to gain wealth.

Full Metal Beavers' programs support some of NYC's most vulnerable populations who have historically been starved of these opportunities. In 2020, we increased our efforts to provide greater access to STEM, the arts, entrepreneurship, and leadership to our 50+ youth members, over 90% of which are Black, Brown, and Latinx.

When I talk to the members in our programs and the ones who have graduated from our programs, I am filled with hope for our future.

They are proud, they are smart, they are risk takers, and most of all they have better opportunities now than before they joined our organization. Our youth have the skillset to make positive change in the world and thrive in an every growing global community.

# Our **Vision**...

To **revolutionize** the way the world and our communities view and think of STEAM.

# Our Mission...

Is to motivate young people to pursue education and career opportunities in STEAM-related fields, inspire them to become leaders and innovators, and enhance self-confidence, knowledge, and life skills.



# Our Core Values...

- Opportunity
- Equity
- Unity



# Over 43,000

Hours of Full Metal Beavers service have been put into our projects, activities, and events

**ACTIVELY ENGAGING OUR YOUTH MEMBERS WITH THEIR COMMUNITY**

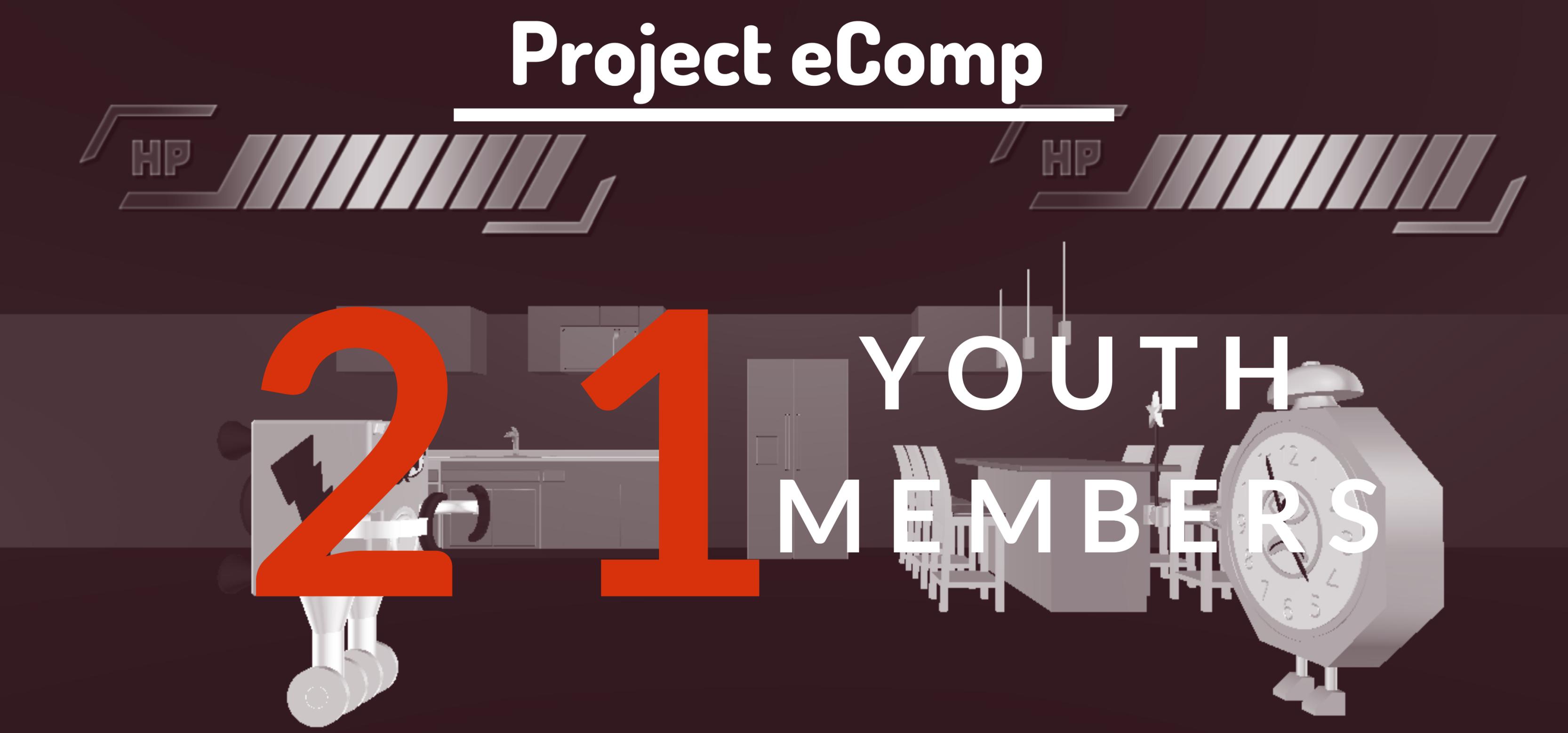


**OVER \$20,000 HAS BEEN RAISED  
THIS YEAR TO SUPPORT OUR  
PROGRAMS**



100% of our profits are used to support our youth members

# Project eComp



21 YOUTH MEMBERS

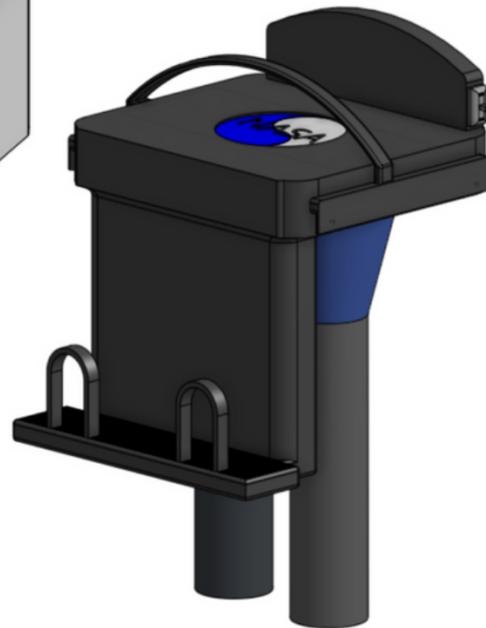
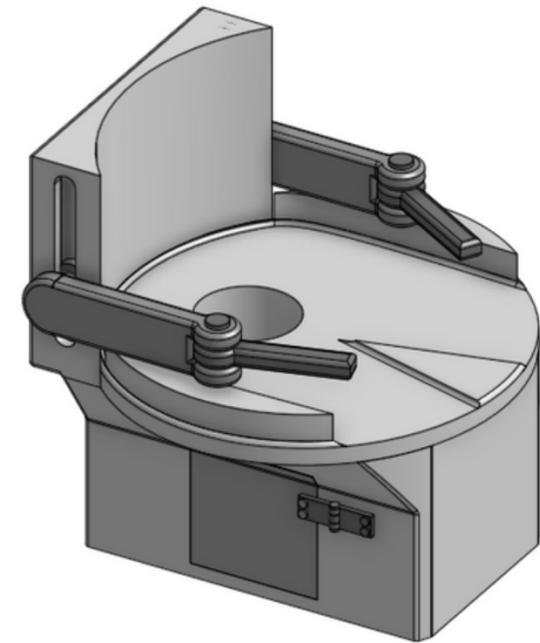
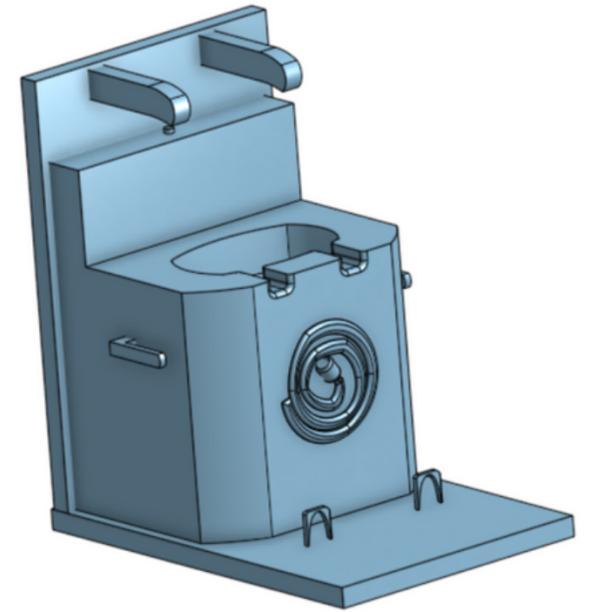
Collaborated in the Engineering and Competition Department  
to create a 3D fighting game in Unity

# NASA Lunar Loo

# 3

# TEAMS

Took part in designing toilets in this NASA competition for astronauts  
to utilize in micro and lunar gravity



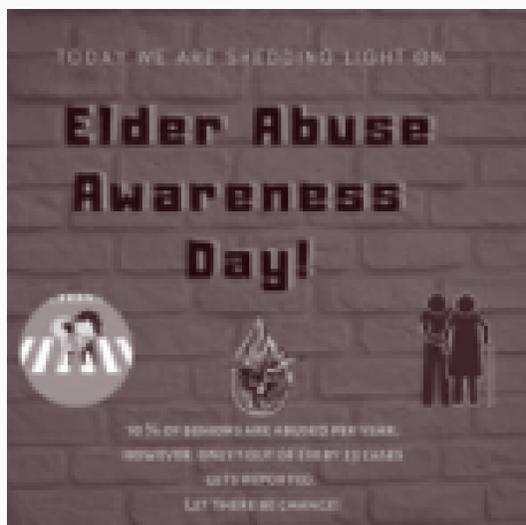
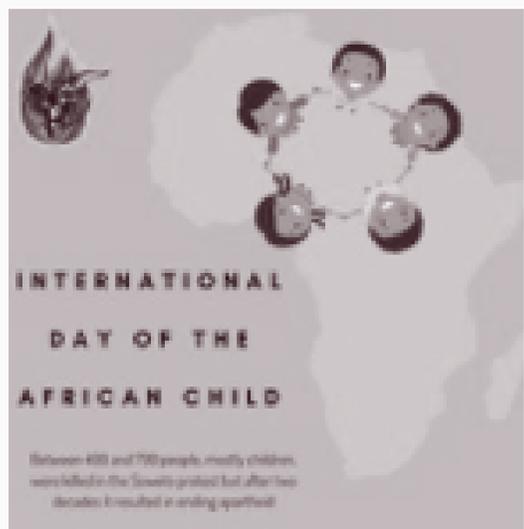
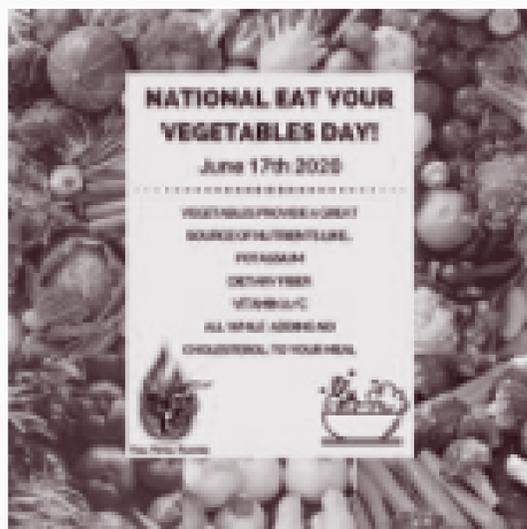
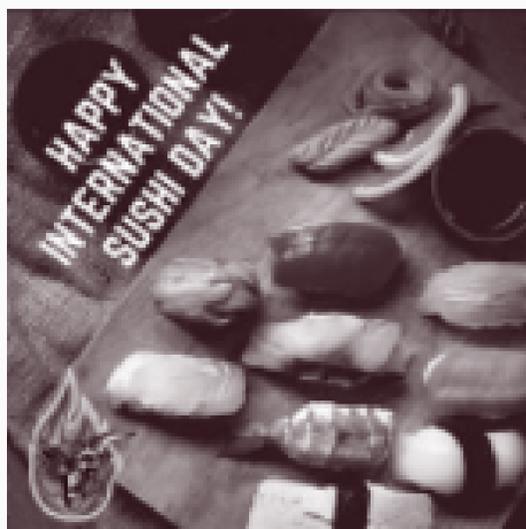
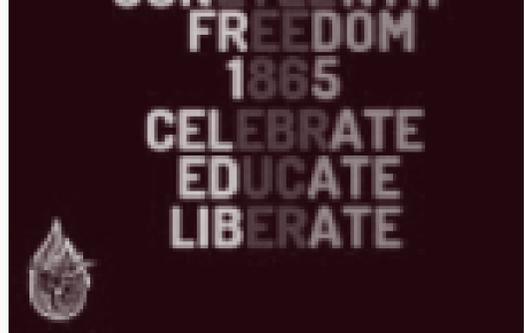


OVER

5,600

BOTTLES RECYCLED

We strived to create a greener community by sending our members to ReCycle For Education to recycle bottles in our school



# 30 DAYS OF FMB

We held a 30 day social media campaign posting each day on our instagram to reflect national holidays

**11** BONDING  
EVENTS

WITH

APPROXIMATELY

**71%**

**PARTICIPATION**

We hold these events to instill our core value of unity. Events have included the 2020 picninc, Bowling, Ice Skating, Fuji Buffet, Breast Cancer Walk, and more!



# Commitment to Diversity

Here at Full Metal Beaver  
we strive for more  
diversity from race to  
genders.

## Girls Recruited

**2018**

Girls:Boys

4:11

~1:3

**2019**

Girls:Boys

17:35

~1:2

**2020**

Girls:Boys

21:34

~2:3

# Girls in Leadership

# of Positions Held



# Black & Latino Membership

2018

2019

2020

32%

52%

44%

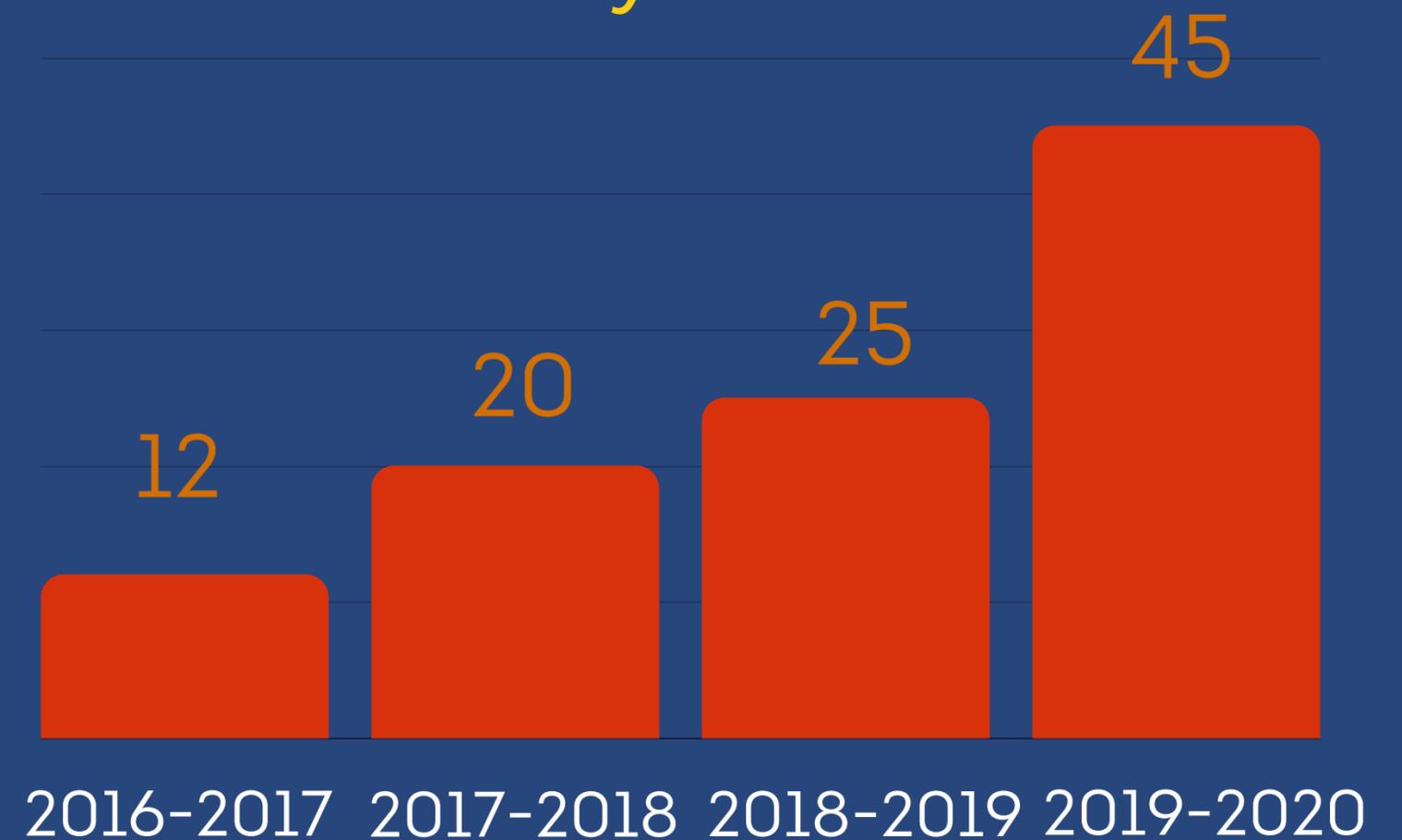
# Our Impact

The result of the FMB work on its community

We've taught more than **100 youth members** throughout programs.

We have a **growing ratio of girls to boys** participating in our programs

Recruitment of members throughout the years





# 67%

Only members on the team  
for a significant amount of  
time are considered for  
leadership roles

**OF MEMBERS BECAME LEADERS  
DURING THEIR TIME ON THE TEAM!**

We strive to make sure each member  
acquires the essential skills for fields in  
STEAM.

**RACISM**

**15+**

**Community  
Workshops**

**BLACK  
HISTORY**





10+

**SOCIAL MEDIA  
CAMPAIGNS**

#ENDRAPECULTURE #SHUTDOWNSTEM  
#WORLDAIDSDAY #BLM  
#JUSTICEFORTEAM4400  
#ALLBLACKLIVESMATTER #GIRLSINSTEM  
#GIVINGTUESDAYNOW #IAMSTEAM  
#TEACHERAPPRECIATIONWEEK

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# Over **15** Community Workshops This Year

Highlighting topics  
such as:

**Black History**

**Sexism**

**Rape Culture**

**CAD**

**Coding**

**Quarantine Safety**

**Future Leaders**

**Resume**

**Time Management**

**and more!**

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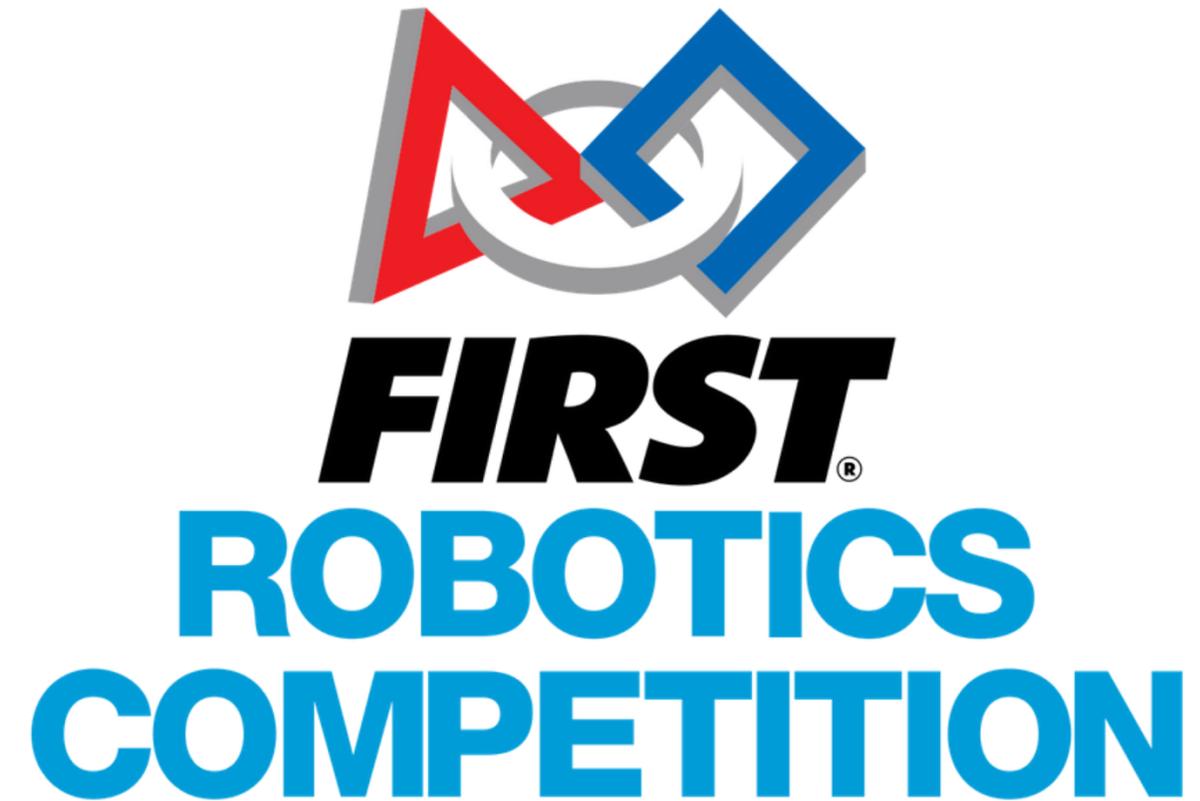


# Registered for



**FRC SBPLI** (School Business  
Partnerships of Long  
Island)  
**COMPETITIONS**

# What is FRC?



"Combining the excitement of sport with the rigors of science and technology"

# WHAT IS FIRST?



***FIRST* (FOR INSPIRATION AND RECOGNITION  
OF SCIENCE AND TECHNOLOGY) WAS  
FOUNDED IN 1989 TO INSPIRE YOUNG  
PEOPLE'S INTEREST AND PARTICIPATION IN  
SCIENCE AND TECHNOLOGY.**

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

A black and white photograph of two young women. The woman on the left has braided hair and is wearing a black mask with white teeth and the text 'FULL METAL BEAVERS'. The woman on the right has long dark hair and glasses, also wearing a similar mask. They are both looking down at a smartphone held by the woman on the left. The background is a textured, rocky surface.

1000

%

Of all proceeds go toward supporting our program



GRANTS &  
SPONSORS  
\$10,000  
FUNDRAISING  
\$11,722  
OTHER  
\$3328

# SEASON REVENUE

Schology Codes  
Pd1 QWDM-CK3R-PN6LB  
Pd3 GDYS-9C5D-FB2SF  
Pd4 SVXC-XTBF-CCV4Z  
Pd6 NBT6-X3DP-ZQV5B  
Pd8 GTM9-VNH4-9662D

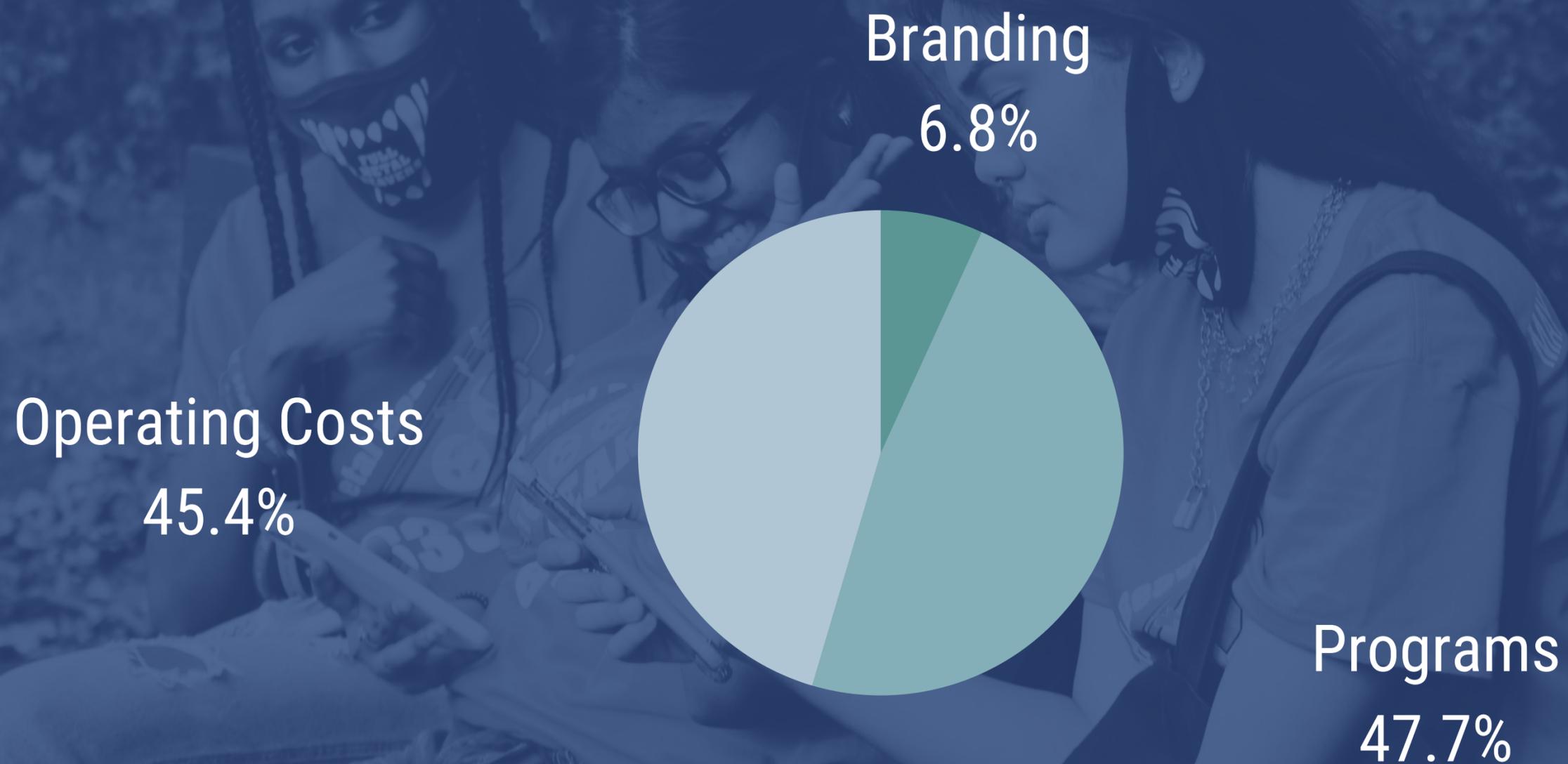
# SEASON

# EXPENSES

COMPETITION	
\$9,000	
MEETINGS	
\$4,540	
TECHNOLOGY	
\$2997	
BRANDING	
\$1285	
TEAM UPKEEP	
\$140	
RECRUITMENT	
\$54	
	OTHER
	\$848

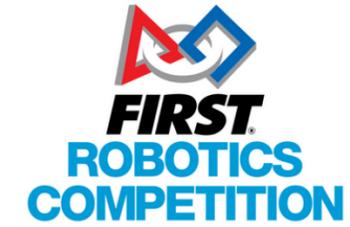
# HOW DO OUR EXPENSES STACK UP?

The FRC events, meetings, and technology take up most of our costs



# Looking Ahead

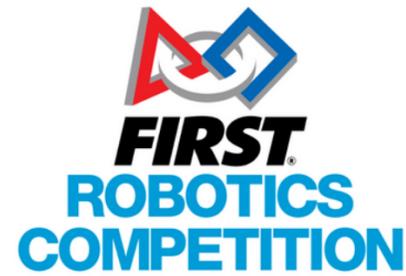
Full Metal Beavers, Inc.  
offers various programs  
that students may  
apply to based on  
interest.



**TEAM**  
**6636**



# FRC Team 6636



## TEAM 6636

In FRC Team 6636, members will learn to design, build, code, and drive a robot in six weeks! Open to students who are in 9th - 12th Grade.

# FMB DAM Scholarship



The Full Metal Beavers D.A.M. Scholarship Award provides financial support to students pursuing a degree in STEAM and related fields of study.

# Expectations & Goals

In the upcoming year, Full Metal Beavers, Inc. is planning to increase opportunity for it's alumni and aid students outside FMB.



# FMB Alumni Association



**ALUMNI  
ASSOCIATION**

FULL METAL BEAVERS, INC.

Alumni association for alumni and related members.

# FMB Interns



Internship and fellowship opportunities to build experience for future jobs.

# FMB Volunteers



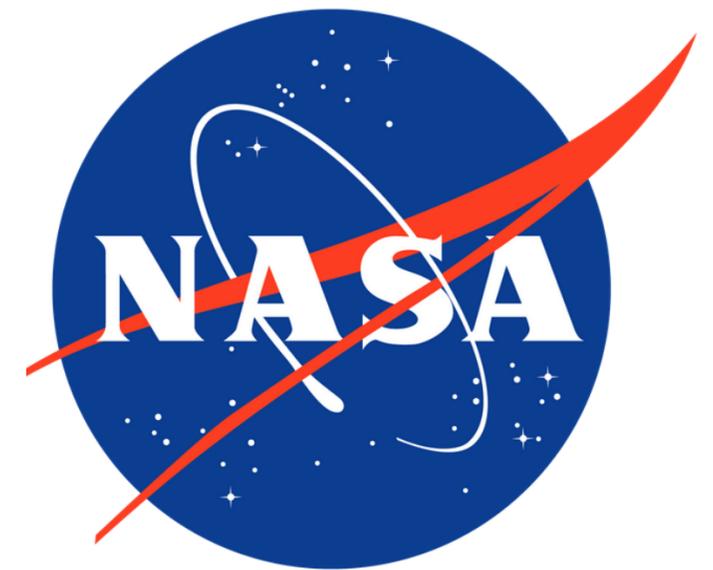
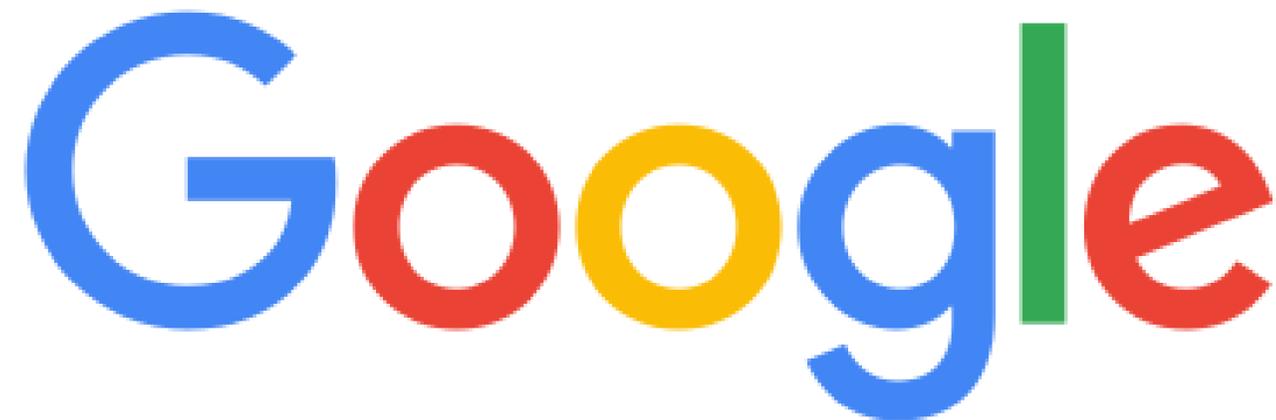
Volunteer opportunities to engage in community outreach.

# WE'VE ATTAINED 27 SPONSORS

## OUR BEAVER FAMILY:



JAMAICA GATEWAY TO THE SCIENCES



OUR SPONSORS ARE THE DRIVING FORCE BEHIND  
WHAT WE DO HERE AT FULL METAL BEAVERS

# OUR BEAVER CHAMPIONS AND LEADERS

INTUITIVE  
Foundation



Onshape

amazon smile

# OUR OTHER SPONSORS

## BEAVER PARTNERS

KEVIN L. PEGRAM

SATANYA MCLAUGHLIN-RABY

HALAL MUNCHIES

## BEAVER FRIENDS

JUSTIN ROUSE

YASMIN RAMOS

JAYDA GILYARD

JUNE CAVER

GEORGE VATOUGIOS

JODI B LEVINE

JENNIFER MAIORINI

MELISSA SUBEDAR

JOHN BELLANTUONO

ALLISON ROBIN

## BEAVER ALLIES

SARAH MILES

MAGDA KANE-  
MAYSONET

JULIAN ADAMS

MERI DIMAS

PAUL MANSKE

ANNE SERVILLO

JENNIFER DIXON

## BEAVER SUPPORTERS

DR. MAHITOT  
ARNOLD

CODY RODRIGUEZ

MICHAEL PIZZO

MARIA SANCHEZ

# OUR PATRONS

## SUPREME BEAVER

SCHIFFON WONG

## BEAVER BELIEVER

AASMA IDREES

## PLATINUM BEAVER

RAYMOND FRENCH

## PREMIUM BEAVERS

JENNIFER DIXON  
JUSTINE ROSENTHAL  
MD AZAM  
KATHLEEN NAJAB  
DENNIS TAI

## PRIMAL BEAVERS

LESLIE VILLALTA  
ANIESHA SUKHANDAN  
ANTHONY  
MICHAEL PIZZO  
JESSE MORANCY  
JENNIFER RODRIGUEZ  
FARIN HOSSAIN  
GIAN JADAN  
MOHAMMED SALAM



# How Can You Help?

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## DONATE

Make a financial donation to our team today at [fullmetalbeavers.com/donate](https://fullmetalbeavers.com/donate)

## SPONSOR

Sponsor one of our members and give them an opportunity to access STEAM at [fullmetalbeavers.com/contact-us](https://fullmetalbeavers.com/contact-us)

## VOLUNTEER

Volunteer as a mentor to be front lines helping us spread Equity, Opportunity, and Unity at [fullmetalbeavers.com/apply](https://fullmetalbeavers.com/apply)

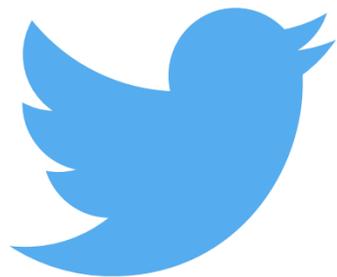
# Our Social Media...



@team6636



@FullMetalBeavers



@team6636



info@fullmetalbeavers.com



@FullMetalBeavers



@FullMetalBeavers

