

Studio: Build Our World

A University of Washington and
Neighborhood House Collaboration



What is STUDIO?

A program that supports middle and high school youth to:

Develop interest, motivation,
& identification with STEM

Learn about STEM higher
education & STEM careers



High Point Neighborhood House (NH)

NH has been working in the low-income community of High Point since 1966 and opened its High Point Center in 2009. The High Point neighborhood is home to:

- 2,127 individuals (580 families)
- 54% of its residents under 18
- 42% of the children/youth served are immigrants and refugees from East Africa (Somali, Ethiopian and Eritrean)
- 13% are immigrants and refugees from Southeast Asia (Vietnamese and Cambodian)
- 3% are immigrants and refugees from Central and South America



University of Washington (UW)

The University of Washington has exemplary programs in Engineering, Computer Science, Arts & Sciences, and Medicine. STUDIO partners with the UW Undergraduate Academic Affairs' Dream Project (which focuses on mentoring for college readiness and postsecondary success), the Pipeline Project (which focuses on tutoring), and UW Departmental Advisors to recruit mentors from STEM disciplines. For 2015-2016, STUDIO is also working with student organizations to recruit more African American and African immigrant mentors. All mentors participate in the UW and NH orientation and must attend a weekly service learning seminar on campus. We ask mentors to commit for the academic year.



2014-2015 Neighborhood House Youth



2015-2016 UW Mentors

UW STEM MAJORS:

Computer Engineering

Applied Physics

Chemistry

Mathematics

Molecular, Cellular, & Developmental Biology

Human Centered Design & Engineering,

Aerospace Engineering

Microbiology













All the chemistry
we do and working
together

together - square

...ing in our
... of ...
... ..

The science + technology
is the most interesting to
me about STEM + the most
interesting to me in the
program is getting to do
experiments + build stuff

He must not
be it otherwise
like a bird

Learning new things!
Everything!!!
-Maddy

the extra: more use
do.
A8:50
you in cost?

Science
Technology
Engineering
Mathematics

like playing, invention
and making
stuff.

Science Technology Engineering Mathematics

Shari Mearns
2000-2001
Took 2000-2001
and 2001-2002

everything

Maddy
Life!!

Linking is policy and strategy and

I think means

S-science
T-Technology
E-Engineering
M-Math

It means a funny
bunch because
awesome no. 1

Stick #1, #2, #3

I think
And I have ~~the~~ balance.

Stem is a stick.

Hair

I can be creative and have lots of fun! ↓↓↓

Tinkering means working to make something and STEM means science, technology, engineering, and math.

Tinkering means to play around
and show means
Science Tech
Engineering and
Arts

Tin Kering
means working
to make some-
thing. -Bikal

When the 15th century
A great change

~~I think stem is for~~ and Sci

making mean to you?

Balling with technique

means me!

express myself

What does STEM

away of life.
(I use those everyday
I try to incorporate
it into everything).

I try to make something
good out of every situation
- Isaac H.

- Isaac H.
Aman is a very nice
and interesting person.
Yvonne always keeps
a positive attitude.

Stem is technology, science, math and engineering.

Stem means
life to me.

I think
Stem and
finishing mean
Balance and
fining up things

Stonington, Conn.

I think
max stem
and ~~higher~~
Karing is
more and
ing
better.

A close-up photograph of a person's hands writing on a piece of paper. The person is using a green marker to write the words "the bridge" in a cursive script. A yellow highlighter and a black pen are also visible on the paper. The paper has some other faint writing and markings on it.

and with

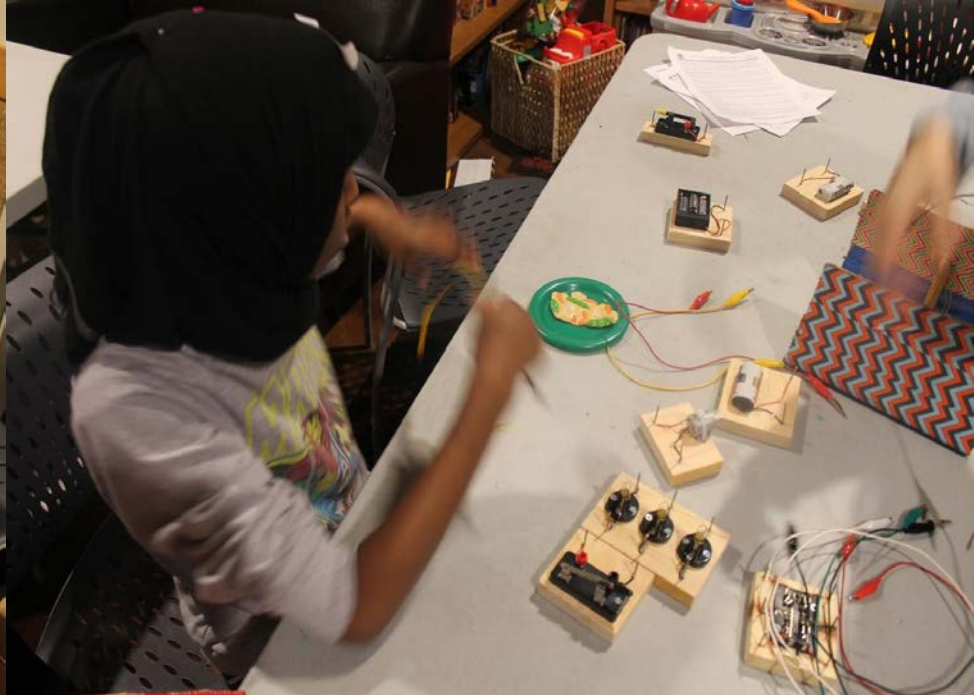
Discerning how things and life

Discerning the things and etc.

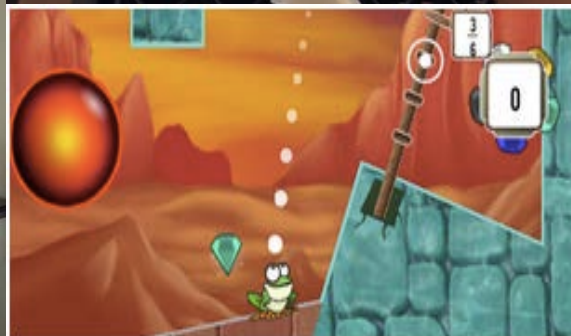
[illegible]

(Faint handwritten notes)









Treefrog Treasure











