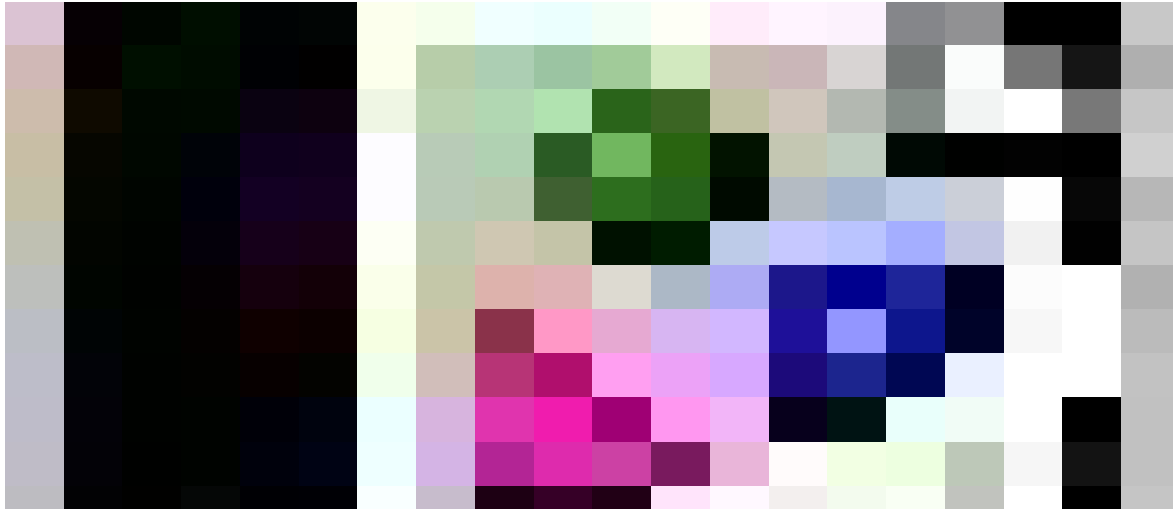


LIME

LOW INCOME MINORITIES IN EDUCATION

SAGE, BETSY, JASMINE, CRISTIAN



HOW TO EXPOSE LOW-INCOME MINORITY STUDENTS TO STEM EDUCATION

INITIAL POV

WE MET K AND WE WERE AMAZED TO REALIZE THAT
HE CONSIDERED ENGINEERING A NEW FIELD. IT
WOULD BE GAME-CHANGING TO MAKE
INFORMATION ABOUT ENGINEERING MORE
ACCESSIBLE.

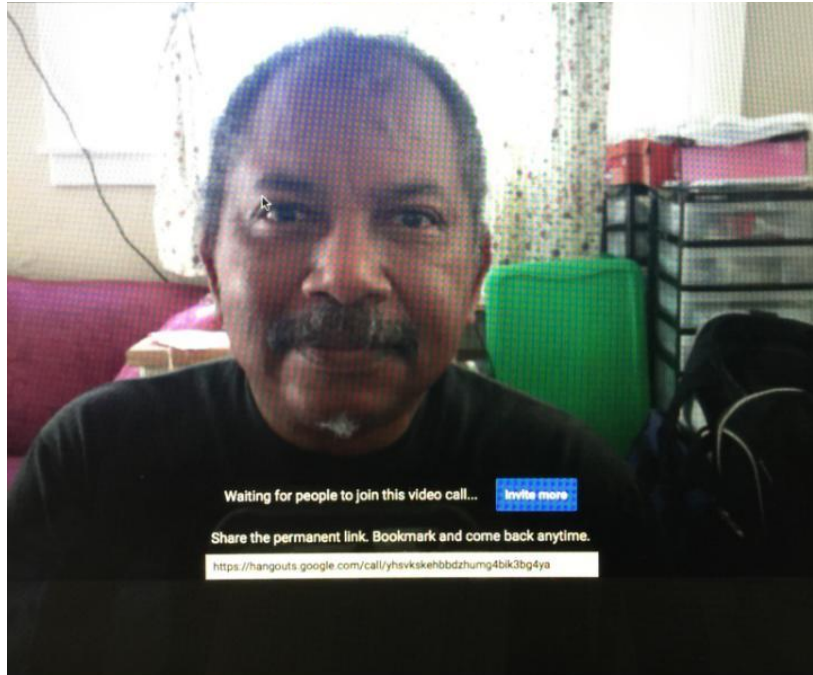
ADDITIONAL
NEEDFINDING RESULTS



“YOU CAN’T MAKE EVERY
CHILD BE A COMPUTER
SCIENTIST”



“MY SPANISH-SPEAKING
STUDENTS LIKE MATH
BECAUSE THEY DON’T
HAVE TO LEARN AS MANY
NEW WORDS.”



NOT EVERYONE HAS
THE SAME
CONCEPTION OF WHAT
STEM MEANS

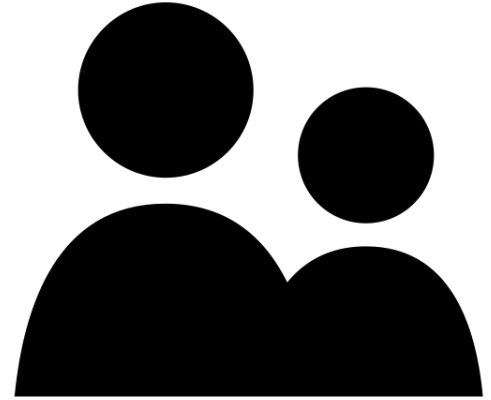


SEEING LOW INCOME MINORITY
COLLEGE STUDENT EXCEL IS MORE
INSPIRING THAN
SEEING/HEARING FROM
SUCCESSFUL ADULTS IN THE
WORKFORCE.

REVISED POVS

WE MET MATT AND

WERE AMAZED TO REALIZE THAT ADULT
ENCOURAGEMENT MATTERED
SIGNIFICANTLY FOR STUDENTS.



IT WOULD BE GAME-CHANGING IF WE CONNECTED ADULTS WITH SPARE
TIME TO YOUNG ADULTS TO ENCOURAGE AND TEACH THEM.

WE MET KEVEN AND

WERE AMAZED TO REALIZE THAT MANY LOW INCOME

MINORITY HOMES HAVE TECHNOLOGIES LIKE

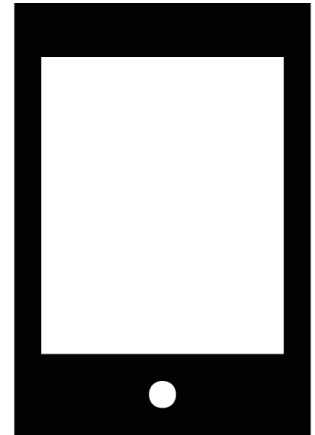
GAMEBOYS AND TVS, BUT STUDENTS DON'T

CONSIDER TECH A CAREER OPTION BECAUSE THEY

DON'T SEE PEOPLE LIKE THEM WORKING IN STEM.

IT WOULD BE GAME-CHANGING TO INCREASE THE VISIBILITY OF

MINORITIES WORKING IN STEM.



WE MET CHAR AND

WERE AMAZED TO REALIZE THAT SHE ONLY ENJOYED
STEM SUBJECTS WHEN SHE UNDERSTOOD THEM.



IT WOULD BE GAME-CHANGING TO HELP HER REALIZE THAT NOT
UNDERSTANDING SOMETHING RIGHT AWAY IS NORMAL AND DOESN'T
MEAN THAT YOU SHOULD GIVE UP.

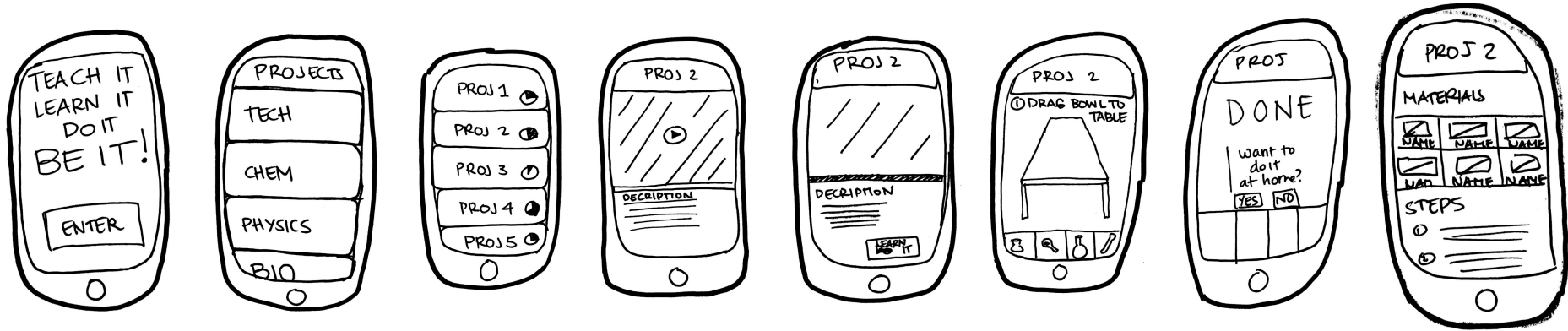
TOP HMWS

HMW GIVE STUDENTS THE ABILITY TO ASK
QUESTIONS TO EXPERIENCED
PROFESSIONALS (OF VARYING
BACKGROUNDS)

HOW WRITE ARTICLES THAT STUDENTS CAN
UNDERSTAND ON BIG RESEARCH PUBLICATIONS

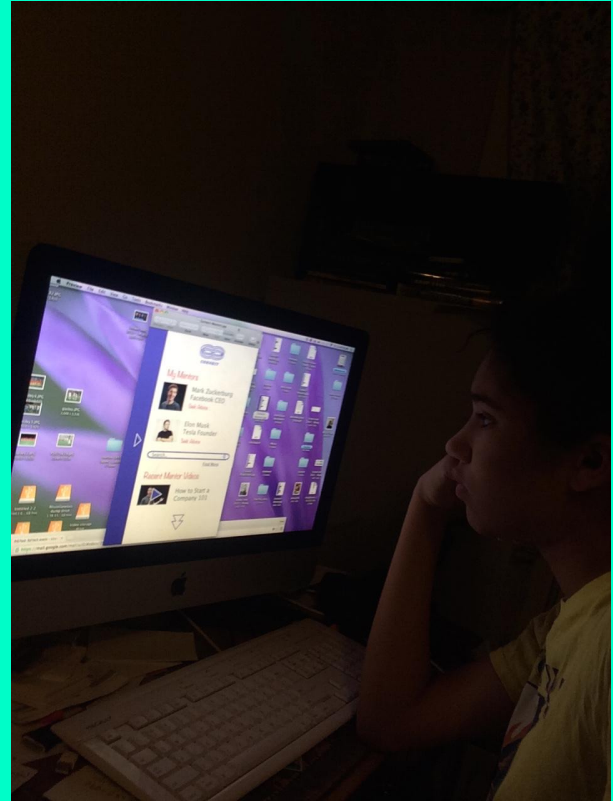
HMW END THE GLORIFICATION OF NATURAL
INTELLIGENCE AND INCREASE
APPRECIATION FOR HARD WORK

EXPERIENCE
PROTOTYPES



TEACH IT. LEARN IT. DO IT. BE IT.
SCAFFOLDED LEARNING. DIGESTABLE. INTERACTIVE.

- LOVES DOING EXPERIMENTS
- LIKES VIDEO
- EVEN INEXPENSIVE MATERIALS MIGHT BE DIFFICULT
- MORE INTERESTED IN WORKING SOLO
- GAMES





How Can I Afford College?

This is a great question that a lot of people have.

- 1) Scholarships are your best friend
- 2) Talk to Oprah about possible solutions
- 3) Take out low interest loans. Do not have the loan shark running after you!

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Interest Quizzes



What Sort of Engineering Fits My Interests Best?

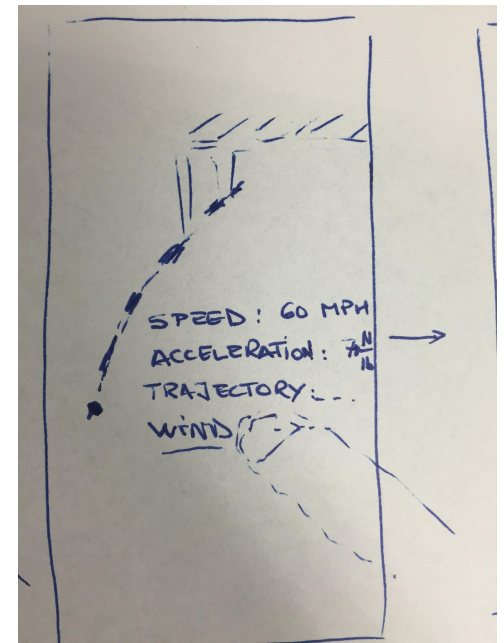
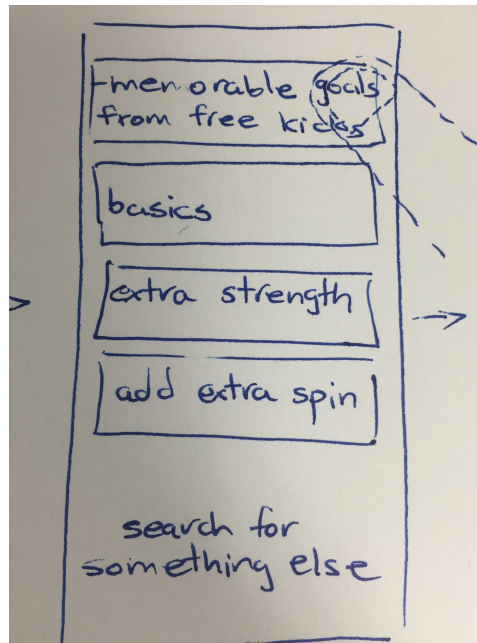
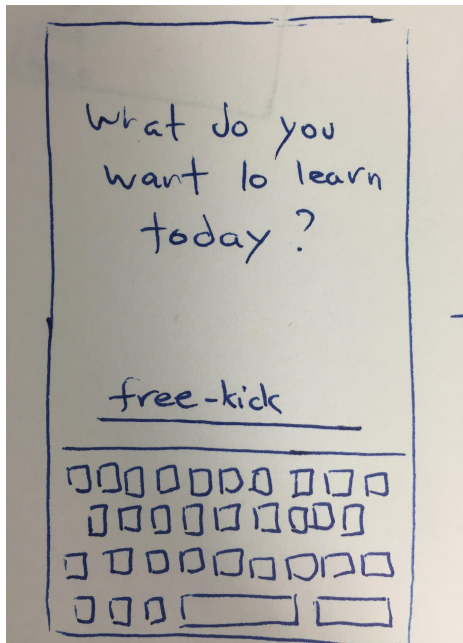


CONNECT

ADVISING. ANSWERS. CROWDSOURCED KNOWLEDGE

- INTERESTED IN LEARNING FROM ADULTS
- MORE PERSONALIZED WOULD BE BETTER
- SOME WANT SOCIAL COMPONENT
- ENTHUSIASTIC!
- TEENS LOVE QUIZZES
- COLLEGE STUDENTS AS WELL AS PROFESSIONALS





INSIDE OUT.

PERSONALIZED. CREATIVE. REAL LIFE APPLICATIONS

- CAN LEARN ABOUT TOPICS SHE'S INTERESTED IN
- NOT ALWAYS INTERESTED IN DELVING DEEPER
- NO PROFILE
- WHAT IS A SOCIAL APP



IMAGE SOURCES

Parent and Child Image - by Gregor Črešnar

Tablet Image - by Tahsin Tahil

Question Image - by Jessica Lock