



STUDENT - TEACHER CONNECTIONS IN EDUCATION

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PROBLEM DOMAIN

Positive student-teacher relationships need to be more accessible and prioritized.

WE MET... DANIELLE GREENE

INITIAL POV
→

Former middle/high school social studies teacher for 5 years,
current PhD student

WE WERE AMAZED TO REALIZE...

that she put so much time and effort in order to get to know
her students, which was sometimes tiring.

IT WOULD BE GAME CHANGING TO...

make it easy for all teachers to spend extra time with their
students.





ADDITIONAL NEEDFINDING RESULTS

Who did we interview?

Focused on **student experiences** with the types of **relationships** they have with their teachers

Interviewees: Daysy, Brigid, Karsten



What did we learn?

1. Vulnerability and willingness to share should be mutual
2. Students' best interactions with teachers were when teachers showed they care
3. Overstepping boundaries leads to a negative relationship



WE MET... BRIGHID

High school freshman

WE WERE AMAZED TO REALIZE...

that even though she isn't shy, she's too scared to ask her teacher for help since she is intimidated by her strictness.

IT WOULD BE GAME CHANGING TO...

provide a way for teachers to understand when their classroom environment is restricting a student's education.





HOW MIGHT WE...

help teachers create a class atmosphere that encourages both a dedication to learning & class engagement?

SOLUTION:

Interactive daily check in

EXPERIENCE PROTOTYPE



#1.

ASSUMPTION:
STUDENT FEEDBACK
HELPS THE TEACHER
GAUGE THE
ENVIRONMENT OF
THE CLASSROOM



Welcome to Class!

Form description



How are you feeling today? (ex. elated, bored, content, calm etc.)

Short answer

Short answer text

- Teacher: "It was a really straightforward and easy way to get to know how students are feeling"
- Student: "I like talking about myself. Also no one ever asks me this so it was nice."



- Teacher: "Feels a little forced"

WE MET... DAYSY

High school senior

WE WERE AMAZED TO REALIZE...

for a class that many students wanted to drop, the administration of her school stepped in to ask for suggestions, then implemented these changes (with positive results).

IT WOULD BE GAME CHANGING TO...

create safe spaces where students and teachers can express feelings and ideas to improve the classroom experience for everyone.





HOW MIGHT WE...

make learning more collaborative between teachers & students?

SOLUTION:

Help teachers break their subjects into different interesting aspects (ie geometry → geometric art) , students will sign up for aspects they like, teachers will have small discussions based on this to help shape the curriculum and inspire lesson plans.

EXPERIENCE PROTOTYPE

#2.

ASSUMPTION:
STUDENTS WILL BE
MORE ENGAGED
WHEN TEACHERS
MAKE AN EFFORT TO
MAKE CLASSES
INTERESTING



- Teacher: "I liked the suggestion of different interesting areas, it made it easy."
- Student: "This was so cool! I feel like it made learning Photoshop more manageable"



- Teacher: "Eventually the students will need to learn all areas of the curriculum, not just the ones they want. Make sure to incorporate that."

SUBJECT: PHOTOSHOP

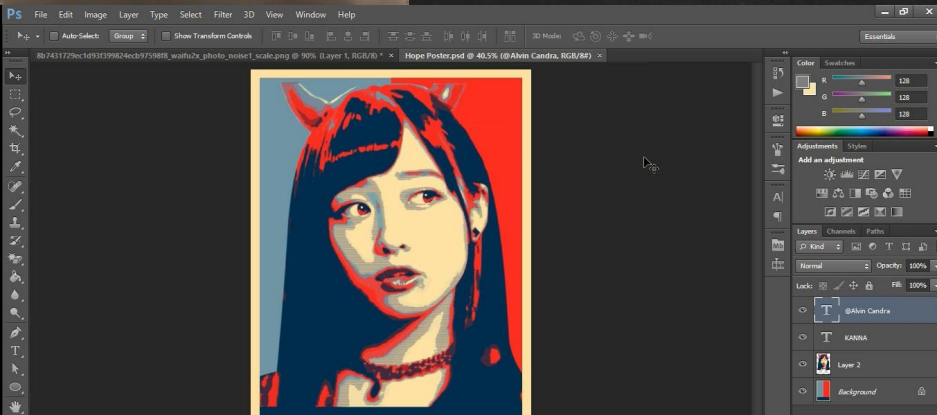
Space Effects

SUBJECT: PHOTOSHOP

Editing Portraits

SUBJECT: PHOTOSHOP

Aesthetic Design



WE MET... KARSTEN

High school senior

WE WERE AMAZED TO REALIZE...

that he has had experiences where teachers tried to have too deep or too forced connections with students, causing negative feelings towards that teacher.

IT WOULD BE GAME CHANGING TO...

teach teachers to respect students and engage them strategically without overstepping boundaries.





HOW MIGHT WE...

consider boundaries when building relationships between teachers and students?

SOLUTION:

Focus on empowerment over pressure, so have teachers host “enrichments” that students proactively sign up for.

EXPERIENCE PROTOTYPE

Enrichment Sign Up

Read the 4 enrichment options and rank them!

Name *

Short answer text

Habla Espanol! Practice your conversational Spanish with a native Spanish speaker :)

1. 1st Choice
2. 2nd Choice
3. 3rd Choice
4. 4th Choice

Learn how to Twerk *

1. 1st Choice

#3.

ASSUMPTION:
STUDENTS WILL BE
RESPONSIVE TO AN
INVITATION SYSTEM



- Teacher: "I was able to showcase something that interests me and it was very enriching."
- Student: "It was fun to do something other than work." "The teachers were really passionate about their respective subjects... it was like seeing a whole new side to them!"



- Teacher: "This isn't part of the curriculum." "Preparing this would take time out of my day."



WE CHOSE TO EXPAND ON...

#2.

Space Effects

SUBJECT: PHOTOSHOP

Editing Portraits

SUBJECT: PHOTOSHOP

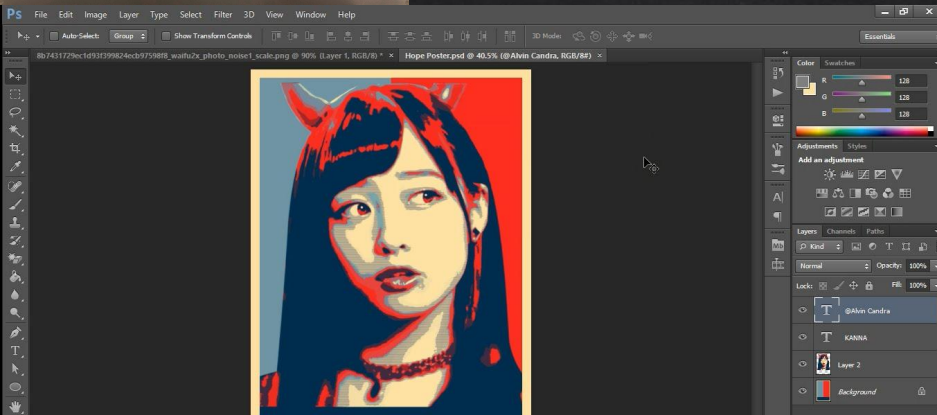
Aesthetic Design



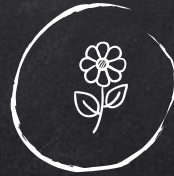
- Lots of room for this idea to expand and develop
- Still related to the subject
- Customizable



- Need to figure out the scope of this idea: would we assist with the discussions themselves in addition to suggesting?



4



SUMMARY

Problem Domain

Working on making positive student-teacher relationships more accessible and prioritized

3 Interviews/Revised POVs

Teachers need to care
Openness should be mutual
Boundaries need to be considered

3 Prototypes

Chose to expand on the small group discussions prototype



THANK YOU!
QUESTIONS?

Team 4