CULTURAL DIAGRAM

MM Middle interviews

a = female, 30-35, grad student
b = female, 50-55
c = male, 25-30

TAKE AWAY
- Teachers from the same school have very diverse viewpoints on curriculum
- Even "math experts" (teachers), need to form a conceptual model to learn a g-calc
- Context is important for creating a conceptual model, which calcs do not provide
- Gadgets create excitement among students
- G-calcs enhance students who understand math, but an enabler for those who don't
- It may be easier for younger teachers to learn the calculator, as a device (navigation...)

Teacher's Education

- Classroom
  - Students
    - Students like to help each other in class
    - 50% can easily do y=x+8, others can't come close
    - Laziness affects ability
  
- School Admin
  - Textbook/curriculum
    - Policy for social studies teachers to take classes to use skills software (compass)
  
- Supportive Tech
  - g-calc
    - Teaching style is empathetic, one-onone, uses real-world examples
    - Gets add'l skills training on compass software after school
  
Teacher

- Teacher's Education
  - Classroom
  - Students
  - Textbook/curriculum
  
- Like compass' individualized learning
- Believes school should prepare students to be adults
- Believes calcs can be motivating
- Students like to help each other in class
- Laziness affects ability
- School integrated kids this year and their are social divides and bad attitudes

Student norms/attitudes

Sees moving on without everyone understanding as a defeat
Wishes there were computers in classroom
Believes school should prepare students to be adults
Thinks 1/2 students like calcs
Believes calc takes away context

Student social norms/attitudes

- Student norm
  - School integrates kids this year and there are social divides and bad attitudes

Textbook/curriculum

- School Admin
  
- Teacher's Education
  
- Teacher
  
- Supportive Tech
  
- Teacher's Education

School Admin

- Textbook/curriculum
  - Students
    - Students like to help each other in class
    - 50% can easily do y=x+8, others can't come close
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- Classroom
  - Supportive Tech
  - Teacher
  
- Teacher's Education