High School

Teacher's School

State

Test

Teacher

Students

Trainer

Classroom

Supportive Software & Technologies

Skills Software

Internet

Paper

Calculator

Overhead

TAKE AWAY
- Students transfer calculator info to paper to submit
- Students destroy calculators using pens to press keys
- Calculators are fun for students, but also cause a distraction -- send notes to each other.
- Teachers receive professional training
- Students have trouble solving problems that are not broken down for them into pieces.
- Teachers learn by helping the students to learn g-calc

FLOW DIAGRAM
MM Middle interviews a = female, 30-35, grad student b = female, 50-55 c = male, 25-30

School supplies calculators, not enough (1,1)

take hard standardized tests (b, 1)

Textbook/curriculum
math problems

take hard standardized tests (b, 1)

can only solve when it is broken down for them (c)

diverges from the curriculum for g-cals (b)

teachers teach in modules according to curriculum (a, b)

students help each other in class (b)

students transfer calc answers to paper a)

students press keys with pens and buttons get destroyed (a)

uses "over-teaching" strategy (b)

can solve problems on calcs

students write notes to each other on calc (b)

tries to make sure everyone understands before moving on (b)

uses TI-73 (b)

Uses 4-func calcs (a, c)

explains how to solve (a)

difficult to keep large class on task (b)

students go for tutoring after school (a)

learns to use g-calc f/student trainer, in class (b)

learns to use g-calc f/student trainer, in class (b)

trained to use g-calc, but didn't learn enough (a, b)

standardized state test (b,1)

collects work (b)

collects work (b)

Difficult to keep large class on task (b)

uses g-cals in class (b)

students cannot collect work (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)

uses g-cals in class (b)

students cannot collect work (b)