

Begin with the End in Mind

Designing a SoTL Study

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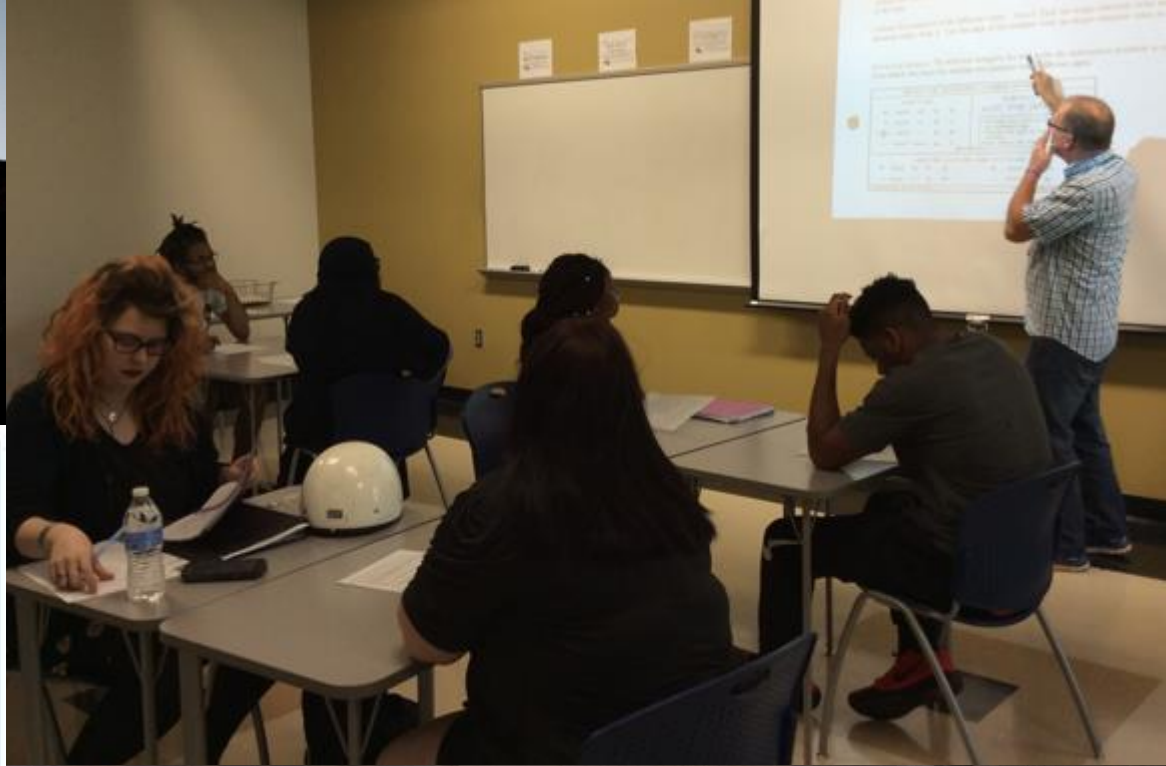
Central Piedmont Community College

ROUND 2

WE'RE BETTER TOGETHER



S.O.S. Math



Identify your Methodology.

Qualitative, Quantitative or Both?

Case Study

Focus Group

Observation

Survey

Interview

Experiment

Choosing your Method(s):

Case Study:

- Investigate archival documents related to your topic.
- Study real-life situations related to your topic.

Choosing your Method(s):

Observation:

- Gather first hand information on your new process or technique.

“May allow you to learn things about students that may be unwilling or unable to express.”

Choosing your Method(s):

Interview:

- Speak with students one-on-one.
- Speak with other faculty members to assess their perspective on the topic.

Choosing your Method(s):

Focus Group (5 to 10 participants):

- Picking a Moderator is key.
- Choose your questions carefully.

Survey:

- Have the participants answer questions using a questionnaire.

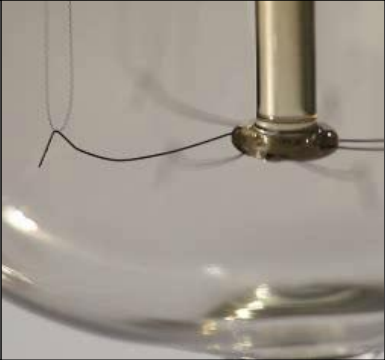
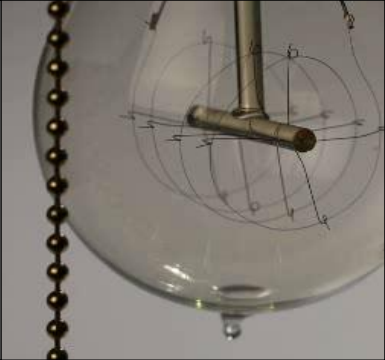
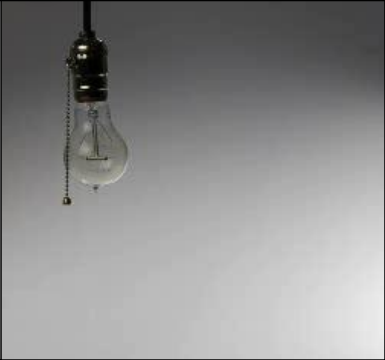
Choosing your Method(s):

Experiment/Quasi-Experiment:

- Single Group
- Multiple Group
- Control group



**Take a Moment to
Think**

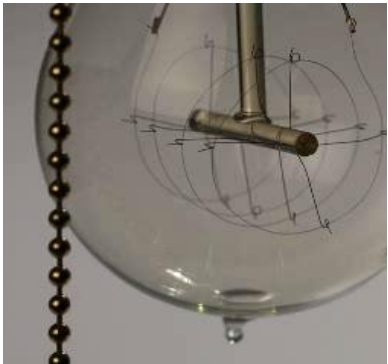


Take a Moment to Think

What groups do you want to study?

How many people will you study?

(A small group, your entire class, all the sections in a course?)



Will you do a pilot?

(Think in terms of phases.)

Ask Yourself

Where will I conduct my study?



Will I use comparison groups?

Ask Yourself



How long will I conduct the study?

(What is your time frame; a single class, several weeks, a semester or longer?)

What kinds of outcomes do I expect?

(Pros, Cons, Obstacles, Benefits)

Ask Yourself



How can I involve my students?

(Can your students assist you in your research?)

How can I involve my colleagues?

(Collaboration)

Pair



Share

