

# **Begin with the End in Mind**

## **Designing a SoTL Study**

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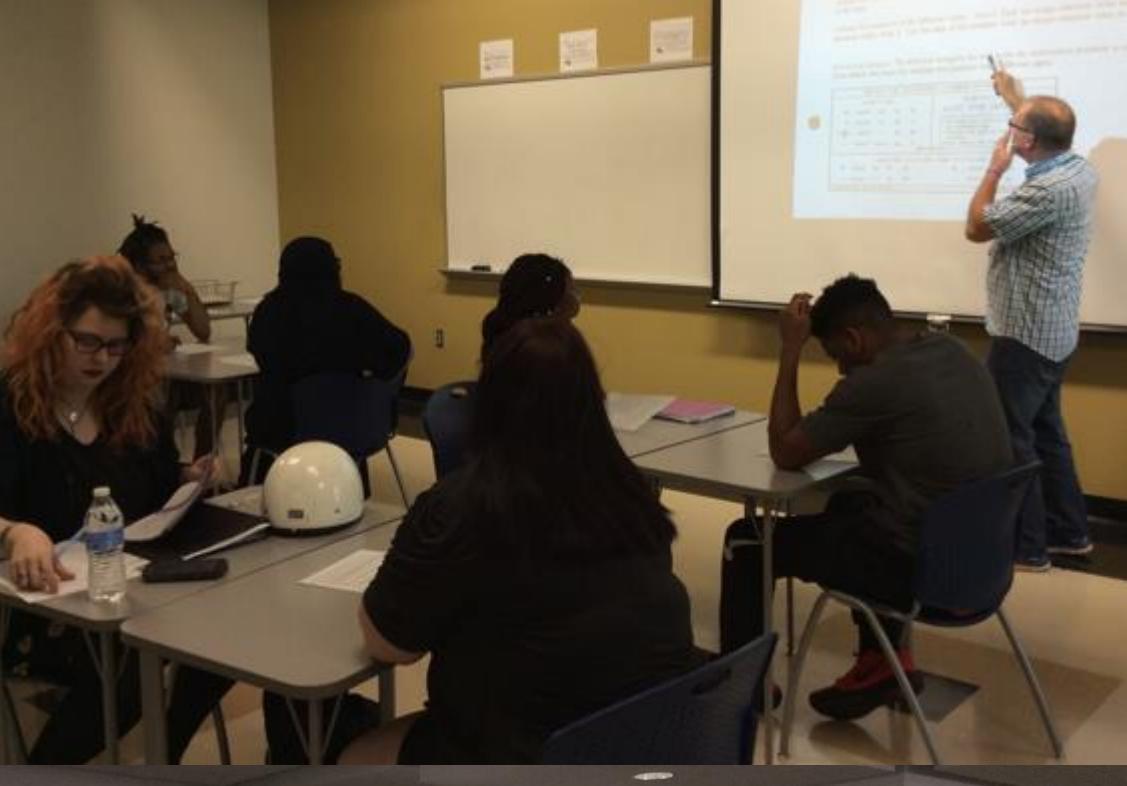
**Central Piedmont Community College**

# 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.

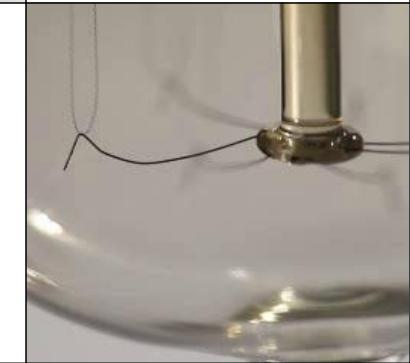
# Choosing your Method(s):

## Experiment/Quasi-Experiment:

- Single Group
- Multiple Group
- Control group



**Take a Moment to  
Think**

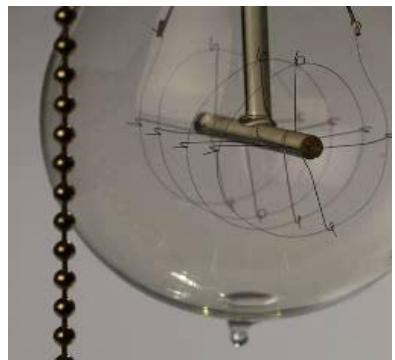


# Take a Moment to Think

**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

