



# **Internship Action Research**

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**Story of my research**

**How did I come up with my question?**

**Insert one image**



**What are the most effective  
ways of engaging an  
audience in a lesson?**

# Research Methods

## POST WORKSHOP SURVEYS:

- 11 questions per survey
- 16 surveys; 286 comments
- All survey questions were open ended

## INTERVIEW WITH MENTOR:

- In depth background information to explain data and research

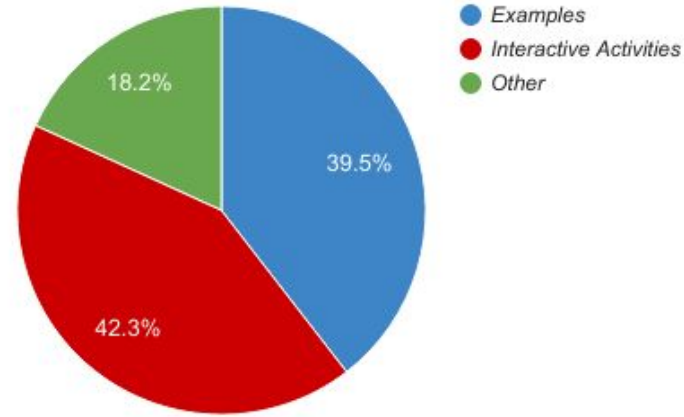
## OUTSIDE RESEARCH:

- What makes a particular teaching style effective?
- Why does engaging with content help foster learning?

WORKSHOP TITLE	EXAMPLES	INTERACTIVE ACTIVITIES	TOTAL SURVEY PARTICIPANTS
<i>SLCs and 20% time in Elementary Schools</i>	4	4	9
<i>Student-Driven Critique</i>	2	2	4
<i>PBL for any Context</i>	4	4	11
<i>Picture and Video Tools for Teachers and Students</i>	1	0	1
<i>New Technology and Structures for Engaging Classrooms</i>	5	8	11
<i>New Google Sites 101</i>	0	0	0
<i>Google Drive in Elementary Classrooms</i>	40	56	104
<i>Google Drawings 101</i>	0	0	0
<i>Google Classroom in Elementary Classrooms</i>	6	2	10
<i>Google Apps for Parent Engagement</i>	5	7	19
<i>G-Suite Add Ons 101</i>	0	0	0
<i>Digital Portfolios for Elementary Classrooms</i>	24	21	73
<i>Digital Photography for Elementary Classrooms</i>	14	7	23
<i>Deeper Learning for Elementary Schoolers</i>	3	2	3
<i>Current Event Discussions in Elementary Classrooms</i>	1	0	1
<i>Google Classroom for Elementary Classrooms</i>	4	8	17
<b>TOTAL SURVEY RESULTS</b>	<b>113</b>	<b>121</b>	<b>286</b>

# Analysis

Popular Survey Response Topics



## **EXAMPLES:**

- Learning through observation is natural for humans
- Creates a more well-rounded understanding
- Prepared to apply concepts to other contexts

## **DISCUSSION:**

- Engagement in content
- Freedom to create individual learning
- Higher motivation to participate and learn in class

## **HANDS ON WORK:**

- Remember and retain information through sensory and motor-related cognitive activity
- Connect to abstract concepts through real-world scenarios

# Action Plan

## **CHANGING THE STRUCTURE:**

- Unique structure is more likely to engage participants and reshape one's idea of teaching/learning in a classroom
- Structured freedom allows individuals to work and grow at their own pace

## **EXAMPLES:**

- Show student work
- Demonstrate how various techniques can be applied in different classroom settings

## **DISCUSSION:**

- Time for participants to talk about lesson topic and adapt based on participant's interests or skill levels

## **HANDS ON WORK:**

- Recreate past student projects
- Time to explore new programs
- Test various techniques or lessons

## Remaining Questions:

- In what contexts or subjects are these techniques most useful?
- Does the learning style or school experience of the participant affect their perception or retention of the information?
- Does the length of an interactive activity change its effectiveness?
- Is there a particular lesson structure that is more useful overall (i.e. starting with a discussion or interactive activity v. starting with an example or lecture)?

# What is left to be done?

*These methods can be applied to a wide range of contexts, and extensive studies should be conducted individually to better apply them in differentiating settings.*

- Extensive studies should be conducted based on different variables
  - Time constraints, audience size, and audience experience can change the effectiveness or perception of the lesson





**Thank you for listening!**

*Any questions?*