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Effect of 100% Virtual Learning Modality on Middle Level Learners

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The Effect of 100% virtual learning modality on ML Students: Teacher's perceptions

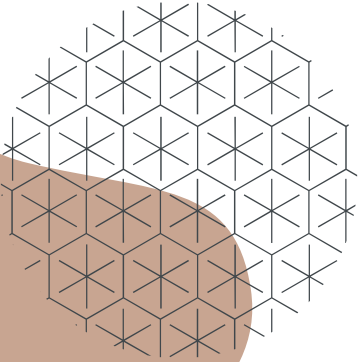
Madison Stanton & Carol Watson
Kutztown University

Rationale

- The practice of online learning has increased over the last seven decades
- Tools and strategies try to engage students through technology
- Technology is a standard component overall in planning instruction
- As technology grows so does the concerns
- Research indicates a variety of negative effects on students
 - (Poehner & Brown, 2019)

Rational

- In March 2020 the COVID-19 pandemic hit
- In person learning was completely shut down
- Teachers were left to teach students online
- Challenges arrived such as:
 - Lack of access to devices
 - Limited technology knowledge and skill from teachers
 - Low student motivation and engagement
 - Inconsistent support
 - Unreliable access to internet connectivity
 - (Richards, 2020)
- Learning about these impacts may offer further insight about how this affected students



Literature Review

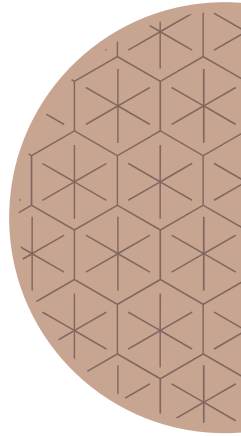
- ❖ Existing literature provides evidence that technology has effects on students
- ❖ Negative experience have been seen in the bulk of literature
- ❖ There has been some evidence of positive effects



(Colon, Moereno, & Steffens, 2019; House, 2011; Woytus, 2020)

Literature Review

- ❖ Documents prove there is a rise in student engagement in social media
- ❖ There are problems that come with this (Ringelstein, 2020).
 - Sleep issues
 - Behavior issues
 - Obesity
 - Socio-emotional issues
 - Loneliness
 - Addiction to technology
 - Anxiety and depression
 - Multitasking
- ❖ The primary issue is self-isolation (Mullenberg & Berge, 2005; Ringelstein, 2020).



Literature Review

- ★ March 2020– school year teachers and students were 100% virtual
- ★ Some school districts continued this the next year as well
- ★ Mostly seen in underserved populations
- ★ Our investigation seeks to uncover insights into virtual learning

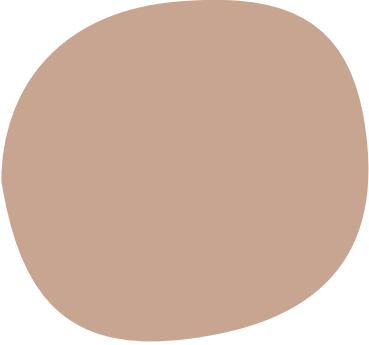


What are teachers' perceptions of the effects of 100% virtual learning modality on middle level students as a result of a pandemic?

The background features several organic, rounded shapes in muted colors: a large brown shape on the left, a large light green shape in the center, and a large grey shape on the right. A small, stylized leaf illustration is positioned at the top center. The word "Methodology" is written in a bold, dark grey font across the center of the light green shape.

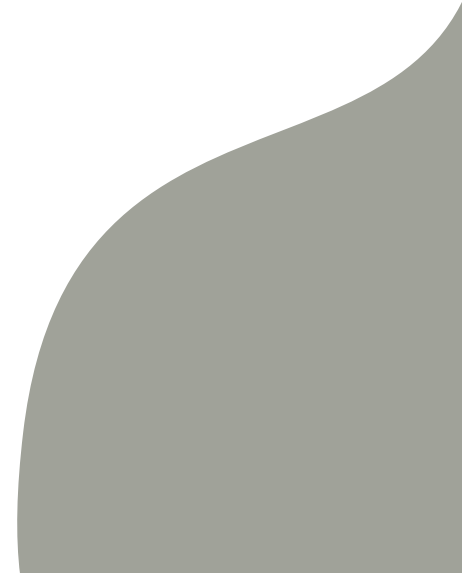
Methodology

Participants



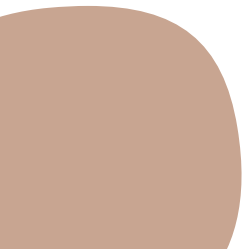
-teachers at 5 middle schools (grades 5–8)
in 1 urban district

-participating school district facilitated
virtual instruction only from March 2020
through April 2021



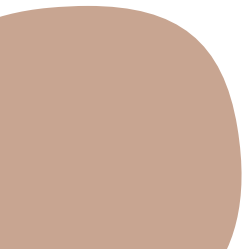
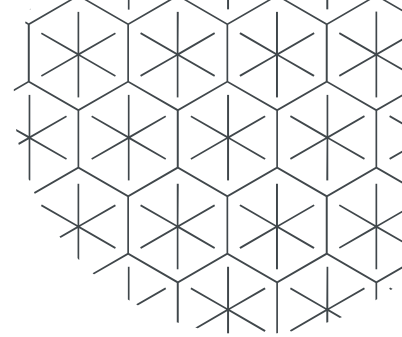
Data collection

- electronic survey through building principals to all classroom teachers
- currently in progress with 1 building of 5 reporting in at this time (17 responses)



Data analysis

-in progress, but stalled with permissions issues...





Thanks

Do you have any questions?
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