



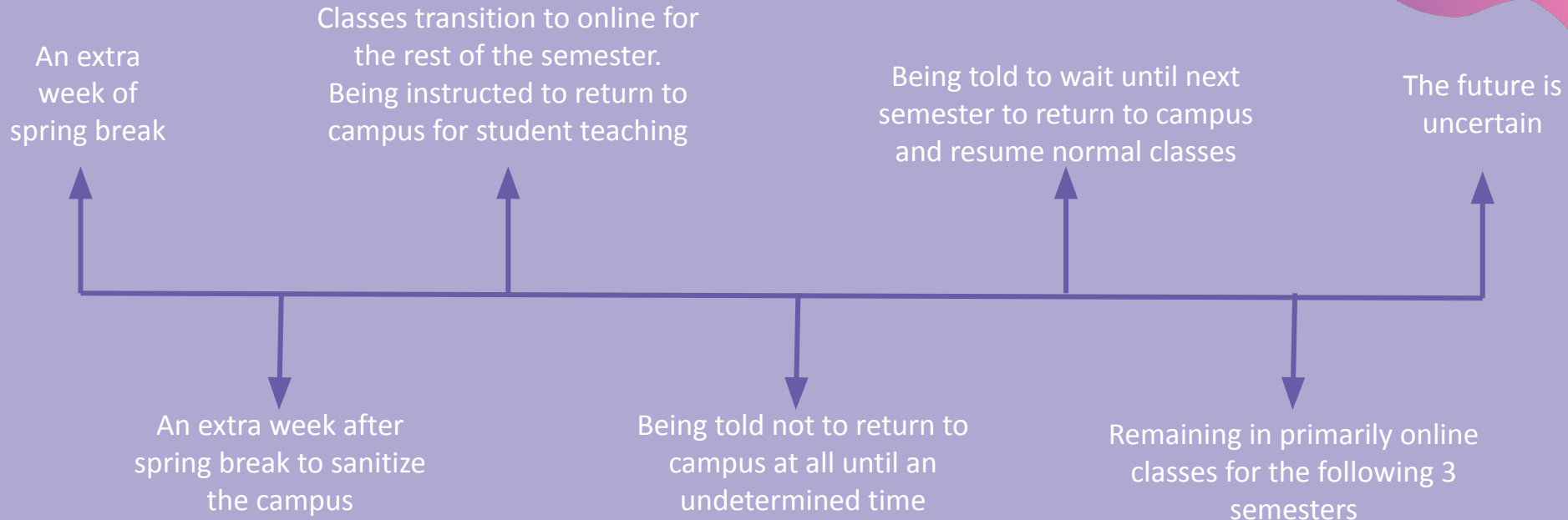
HOW HAS COVID-19 AFFECTED EDUCATION THROUGH THE TRANSITION TO ONLINE LEARNING?

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Why this topic?



My transition to online learning:



Managing a multitude of platforms

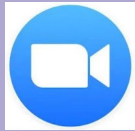
Canvas



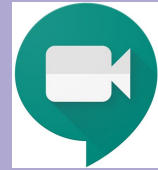
Google Classroom



Zoom



Google Meet



LMS



Digication



These experiences are what
lead me to look into ways
other teachers/students
have been affected by online
learning





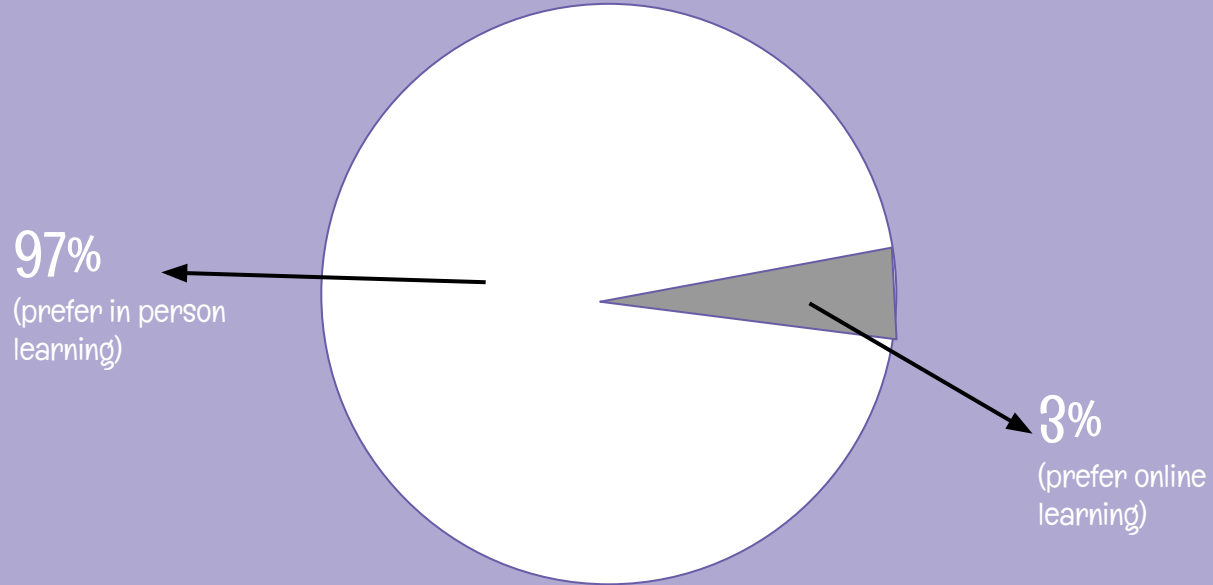
Survey:

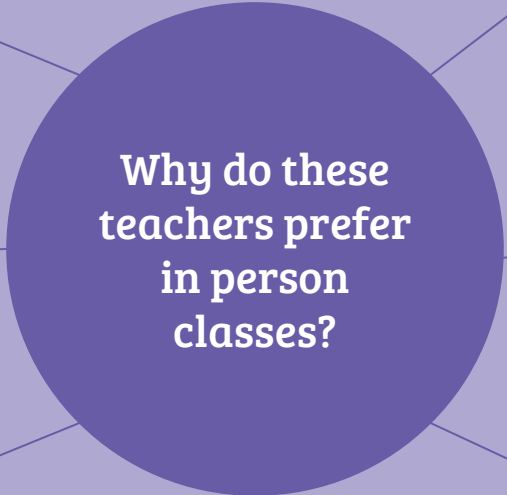
1. Do you prefer online learning over traditional in person classes?
2. Why did/didn't you prefer online learning?
3. In your experience, what are some pros to teaching now vs before the pandemic?
4. In your experience, what are some cons to teaching now vs before the pandemic?
5. How has online learning affected you (personally or in your teaching practice) in ways that were not addressed in previous questions?

Survey:



Data:





Technology

Effects on students

Accessibility

Effects on Teaching practices

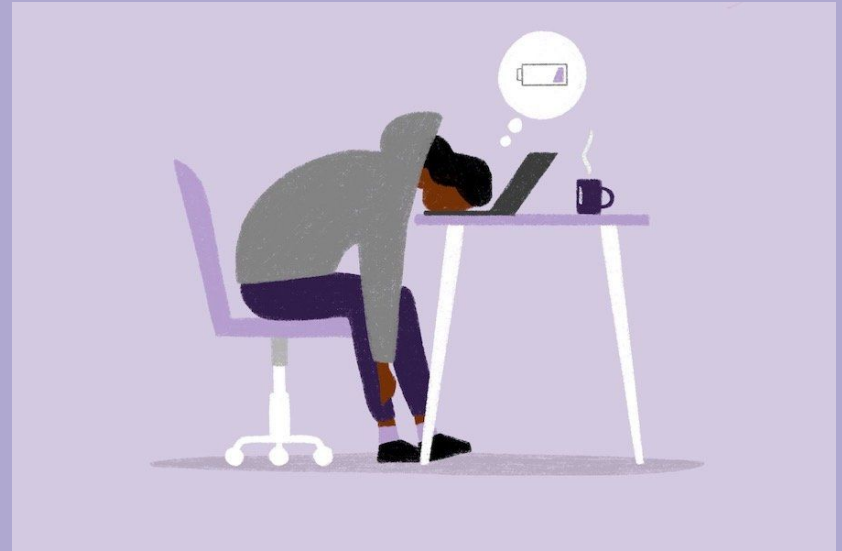
Socialization

Personal reasons

Technology:

Computer Fatigue

- Behind a screen for 6+ hours a day
- Headaches/migraines
- Back pain
- Eye strain
- Etc.



Technology:

Cameras/Webcams

- **Teaching to a class of blank screens**
- **Pointing webcams to a wall/floor**
- **Not being able to read students body language/facial expressions**



Technology:

Microphones

- **Background noise**
- **Interruptions**
- **Poor quality sound**

“I find that the online format makes conversations more stilted because we can't chime in, interrupt, qualify, and so on as easily.” -(anonymous, 2021)



Accessibility:

Home life

- **Students may have a challenging home life**
- **Students may share a room with siblings**



Accessibility:

Technology Failure

- **Loss of connection participants to drop from the class**
- **Wifi outages**
- **Servers being overwhelmed**
- **Technical difficulties**
- **Battery capacity**
- **Lag/Delay/Calls breaking up**



Accessibility:

Resources:

- **Students do not all have equal resources**
- **Some students do not have a computer, a webcam, a mic etc.**

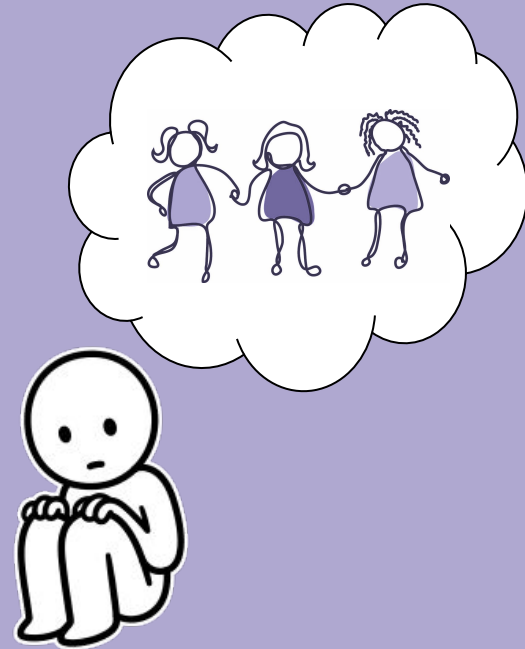


Teachers

Socialization:

- Miss working with colleagues
- Miss face to face interaction with students
- Miss one on one, personal interaction
- Harder to break into groups
- Not only are teacher/student relationships dampened but so are student/student relationships

“There is no way to quietly offer encouragement to a student who is struggling, or quietly offer praise to a student who is doing an amazing job.” -(anonymous, 2021)



Students:

Effects on Students:

- **Loss of focus and engagement**
- **Less energy**
- **Less participation and enthusiasm**
- **More distractions at home**
- **Teachers expressed concern for students with an unsafe homelife being forced to stay at home**

“Cheating is at an all time high.”

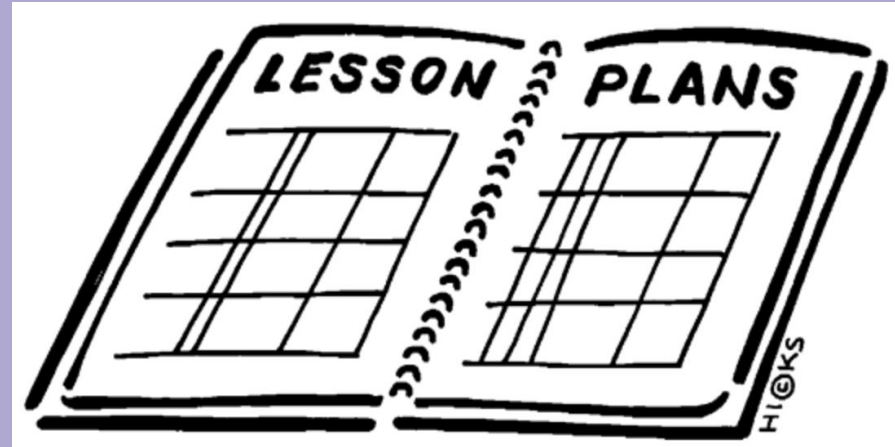
-(anonymous, 2021)



Effects on Teaching Practices:

Effects:

- Redesigned curriculums to better fit shorter class times and online formats
- Helped teachers become more familiar with online resources and possibilities



Effects on Teaching Practices:

“It forced me to reorganize my materials and homework assignments in a way that I will continue to use them after we return to full in person teaching. Shortened periods forced me to prioritize the material I could cover, but I think it made my lessons better. Overall, I’m tired all the time and there isn’t enough time in the day to get everything done.” -(anonymous, 2021)

“While I can’t do many things like I normally do, what CAN I do? I’ve redesigned a lot of my curriculum and some of it will certainly stay in the mix even as we shift back to more in-person learning. I’ve also gotten so much more comfortable using technology in the classroom, and that’s been helpful for sure.” -(anonymous, 2021)

“I have had to adjust to this year in terms of relaxing my grading policies. Each day I make it a point to review the previous day's lesson as the students who were home for the lesson won't say it, but usually do not understand what was taught. This takes up a lot of time but is necessary to continue moving forward!” -(anonymous, 2021)

Teacher's Personal Thoughts:

"Teaching through these circumstances with just about no training, support, or check ins from my department has definitely changed my feelings about my workplace. I've started treating this more as a job to be done as efficiently as possible instead of the joyous thing I love. I care less, to be honest (anonymous, 2021)."

"I had to take many classes and spend many hours of my own time to learn how to teach online without compensation. A lot more teachers call out and no substitutes available so we have to double up the kids in other classrooms both virtual and brick n mortar. More stressful due to unrealistic goals (anonymous, 2021)."

"I realized that my remote high school students have to feel really bad for me suffering in silence in order to answer a question. I have to be VERY likable and change up the routine. Be a little goofy. Otherwise the remote students are HISTORY (anonymous, 2021)."

"I have been teaching for almost 28 years. This past year has been the most difficult of my career. Young teachers new to the profession are thinking of leaving. There has not been nearly enough to the mental toll this has had on the staff (anonymous, 2021)."

Teacher's Personal Thoughts:

"I've lost my usual cheerfulness--teaching feels more like drudgery (anonymous, 2021)."

"Depression. Low school morale (anonymous, 2021)."

"After 26 years of teaching I find myself close to broken nearly every day. I don't know how young teachers cope (anonymous, 2021)."

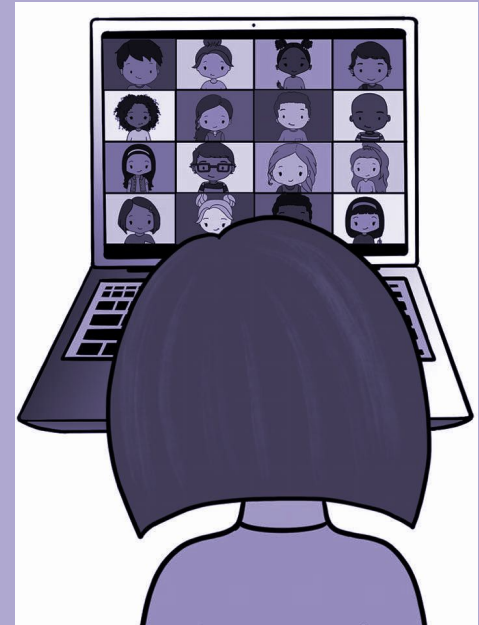
"Burnt me out (anonymous, 2021)."

"Makes me feel like I am not a successful teacher (anonymous, 2021)."

Teachers Who Prefer Online Learning:

Quotes:

- **“Online learning is convenient and flexible”**
- **“Although my hours are longer, at least it allows me to be a presence for my family”**
- **“Safety. Violence and asbestos are rampant in public schools.”**



In Conclusion:

Teachers largely recognize in person learning as being the most effective and efficient way to educate students.





Thank You!!