

THE PERCEPTIONS OF TEACHERS ON COMMUNICATION WITH STUDENTS IN A REMOTE SETTING

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ABSTRACT

The research examined high school teachers' perceptions of communication with their students in a remote virtual school setting. The problem was that communication was impacted when teachers and students transitioned from a traditional school setting to a remote virtual setting. This qualitative case study aimed to see how communication influenced the relationship between teachers and students. This case study provides teachers' perspectives on communication with students when pivoting from traditional schooling to remote instruction. Participants were ten teachers within a school district in Middle Tennessee who participated in at least one school year in a remote virtual school setting and one year in a face-to-face traditional school setting. A semi-structured interview protocol using Zoom and Survey Monkey questionnaires were used to gather data to determine how out-of-class communication and technology tools affect interactions and communication between teachers and students. Qualitative data revealed that online communication and technology tools positively influence communication and the teacher-student relationship in a remote setting.

KEYWORDS

Distance Education, Online Communication Tools, Remote Learning, Virtual Learning

1. INTRODUCTION

Distance education became prevalent in high schools worldwide due to the COVID-19 pandemic (Sahbaz, 2020). The teaching and learning process was distorted worldwide (Sharda & Bajpai, 2021). Distance learning changed how high school teachers and students communicated (Sahbaz, 2020). Online education significantly impacted the relationship between teachers and students (Watson et al., 2017). The structure of each high school class changed, making interactions between instructors and students more difficult. Students also found it more challenging to interact with their classmates (Martinek et al., 2021). Communication still occurred between teachers and students, but it was not equal to contact in a traditional classroom (Sahbaz, 2020).

In a traditional setting, students had the opportunity to meet new friends, interact during lectures, and participate in fantastic group work and discussions (Snoussi & Radwan, 2020). Teachers are used to completing various daily tasks, managing their lesson plans, delivering instruction, meeting with other stakeholders, or grading work from students (Mukminin et al., 2019). Students were able to access materials in a library and use literature for their personal use and use in their classwork (Abashidze, 2020). Students and teachers periodically used information, communication technologies, and instructional technology in their everyday routines before the COVID-19 lockdowns (Navarro-Espinosa et al., 2021). Information and communication technologies include interactive digital whiteboards, tablets, smart pens, video conferencing, applications, learning management systems, augmented reality, 3D printing, and cloud computing (Boyer-Davis, 2020). Instructional technology tools are adaptable and flexible for students and

teachers (Navarro-Espinosa et al., 2021). Teachers' beliefs influence how they use these tools and implement educational initiatives in their classrooms (Mukminin et al., 2019).

The qualitative case study examined the influence communication has on high school teachers' perceptions of their relationships in a remote virtual school setting. Participants in the study included ten high school teachers who had taught in both the traditional face-to-face setting and the virtual setting for at least one year. The factors influencing out-of-class communication and how communication varies between online and onsite instruction were examined.

Teachers and students form educational relationships that impact the academic environment (Xu & Yang, 2019). A relationship between teachers and students is formed through interpersonal interactions. It affects a student's academic performance and social and emotional development. Interactions between teachers and students are complicated and involve several factors, including age, sex, family life, socioeconomic status, feelings, beliefs, and values. Ways to build relationships between teachers and students are different, and their relationship development depends on personal characteristics and demographics. Teacher-student relationships impact the outcomes of students (Xu & Yang, 2019).

2. COVID-19 AND VIRTUAL LEARNING

The COVID-19 pandemic created a crisis among educators, students, and education stakeholders due to worldwide school closures (Mărgărițoiu, 2020). Most school districts had to find a way to adapt to the challenges that COVID-19 presented, and they continued to have classes through the pandemic (Mărgărițoiu, 2020). School districts were unexpectedly forced to transition from meeting for class in-person to meeting in a remote virtual setting (Carrillo & Flores, 2020). Emergency remote learning and teaching took place that instructors were not prepared to deliver, and students were not ready to receive because they had never experienced anything like it (Hughes et al., 2020). It was challenging to implement remote learning due to the need for social isolation to help prevent the spread of the Coronavirus (Rusu, 2020). School systems worldwide had to determine whether they would require remote virtual instruction or make it optional for the students they serve since they were homebound (Hirsch et al., 2022).

The COVID-19 pandemic altered regular routines for individuals across the globe and in-person settings to virtual settings (Mouchantaf, 2020). Remote virtual learning existed before the COVID-19 pandemic but became prevalent in 2020 because schools worldwide shut down (Boyer-Davis, 2020). Individuals had to adapt quickly to new norms (Boyer-Davis, 2020). They had to transition from face-to-face classes to an online environment in a matter of days, depending on the decisions of school leadership (Pelikan et al., 2021). Businesses let their employees work remotely from home (Abuhassna et al., 2020). Social events, church services, concerts, sports, and other entertainment transitioned online through live streaming, social media platforms, and sometimes television (Abuhassna et al., 2020). Elementary schools, middle schools, high schools, and colleges transitioned from the traditional classroom to a remote virtual setting (Abuhassna et al., 2020). School districts had to make significant decisions on their return to school at the beginning of the 2020-2021 school year (Boyer-Davis, 2020). School districts had to decide if they would return to traditional full-time, hybrid, or full-time virtual settings (Boyer-Davis, 2020). School districts and stakeholders had to modify their schedules and reduce the number of participants in certain classes (Boyer-Davis, 2020). Academic calendars also had to be changed to minimize the coronavirus spread from people traveling on breaks (Boyer-Davis, 2020).

Students and teachers could meet using technology tools and online learning platforms (Abuhassna et al., 2020). Since teachers and students were meeting online, they suffered

physically (Abashidze, 2020). Teachers and students were constrained in front of a computer screen and were not as active as in a traditional setting because they did not have to move (Abashidze, 2020). They also had other health issues, including eyesight, back pain, and depression, because multiple individuals spent ten hours or more in front of a computer (Abashidze, 2020). Students had trouble learning life skills in virtual learning (Abashidze, 2020). They had presentation issues when they received their education virtually (Abashidze, 2020). They could not make eye contact or receive instant feedback from other students because they were in remote locations (Rahim, 2020). Students in a virtual learning environment might feel like they are missing out on opportunities because they cannot practice real-life skills (Abashidze, 2020).

Distance learning is continually progressing (Bozkurt & Zawacki-Richter, 2021). Remote education gives learners a great mix of ways to obtain and absorb information. Educational technology is an element that can engage students and changes the way knowledge is delivered in a traditional setting. Educational technology has adapted from being used to supplement conventional education and transgressed into an essential part of distance education. Remote learning has expanded into an option for students worldwide because it has its curriculum and strategies to reach and include various learners. Distance learning is omnipresent, flexible, and individualized; people work together to achieve a common goal through several interactions (Watson et al., 2017). Educational technology, instructional design, and the approach to distance learning have significantly influenced virtual remote learning and education today (Bozkurt & Zawacki-Richter, 2021).

3. COMMUNICATION

Communication between teachers and students was a concern in the virtual setting. Without effective communication in the virtual scene, students will be negatively impacted, disrupting the success of those participating in the virtual environment (Ashe & Lopez, 2021). The lack of interaction and communication in an online environment can make participants in the virtual setting feel isolated and secluded from others (Sepulveda-Escobar & Morrison, 2020). Teachers and students who participated in emergency remote learning may have experienced feelings of being distant from one another. Communication methods between parties may have created feelings of a perceived distance. Transactional Distance is the concept of psychological and communication spaces present in an online environment that could explain the feelings of students and teachers (Charles & DeFabii, 2021). Communication is critical in a virtual environment because students crave high-quality and meaningful interaction, which leads students to complete courses successfully. When communication is not present, and teachers do not contact or engage with students frequently, students do not make much progress in online courses (Ashe & Lopez, 2021). Communication tools have changed the dynamics of participants in the virtual setting allowing teachers and students to communicate instantly and be accessible to one another (Navarro-Espinosa et al., 2021).

Student-teacher relationships are valuable to teachers and students, and caring in education is viewed by others as a positive value and behavior (Murray et al., 2020). Teaching and learning are relational processes that lead to the development of constructive relationships (Kaufman, 2010). The ability of teachers and students to build and maintain a relationship is a central component of a meaningful educational experience. Interactions between teachers and students should be built on mutual respect, interdependence, and trust to develop an interpersonal connection (Carrillo & Flores, 2020). Teachers must adapt how connections and relationships are maintained when transitioning from a traditional face-to-face classroom to an online space (Murray et al., 2020).

4. CONCLUSION

Shifting from a traditional face-to-face setting to online learning is challenging for teachers and students. Teaching techniques and learning strategies may work in one location but not another. Teachers can use videoconferencing to meet with students in an online learning environment, but a teacher may not acknowledge independent learning needs. In an online virtual setting, teachers must attempt to clearly and consistently communicate with students, help students with technological needs, and engage students through various interactions. Learners transitioning from a traditional face-to-face environment to an online virtual setting may not feel like they belong or connect in a virtual setting. To be successful in an online environment, students must be intrinsically motivated, acquire the skills needed to use technology, and possess time-management skills. Students in a remote virtual setting must ensure a dependable internet connection and the supplies required to participate in their classes. Teachers need to be intent on communicating with their students through technology tools, getting to know them, and building a relationship with them.

Onsite communication and online communication differed. Communication, engagement, and participation significantly impacted whether a teacher-student relationship was formed in the remote setting. Educational technology tools, mobile technology, synchronous and asynchronous courses, hybrid classes, and other tools increase the accessibility and ease of receiving a quality education. A lack of participation caused teachers and students mental health issues and did not contribute to developing a relationship. Teachers experienced feelings of loneliness and isolation, along with feelings of doubt. Teachers in the remote setting struggled emotionally because of their inability to see their students in person and their lack of time around peers. When participation and engagement occurred between both parties, they were more likely to form a relationship. Technology, collaboration tools, email, and other tools in the digital environment helped with engagement and helped teachers and students get to know one another. Teachers and students had to be willing to form a relationship and relate to one another. When teachers and students communicated through technology tools when they were not in class, it helped improve the relationship between the two parties. There were minimal behavior issues present from students in the online environment. There were mixed emotions about teacher-student relationships and how they impacted teachers. Most teachers were discouraged or depressed at first since they had not formed relationships with students, but as time went on, they were able to establish a connection, making them happier with virtual teaching. One participant said, I definitely felt like I had better relationships with students who communicated with me out-of-class through e-mail and technology tools, like the Remind application. I was able to get to know those students and connect with them better (Luckeydoo, 2022). Communication contributed to the perception high school teachers had on their relationship with students in a remote virtual setting.

Table 1. Theme Identification

Research Question	Code	Theme
RQ: What were high school teachers' perceptions of communication as they pivoted from onsite instruction to delivering instruction remotely?	Perceptions	Communication Technology Interactions Discipline Engagement

Distance learning may never replicate the traditional classroom, but student-centered teaching strategies with universal access and educational quality can lead students to success in a remote virtual setting. There is no definite component that influences the success or failure of virtual remote learning. Distance learning methods and tools will be strengthened and will continue to be integrated into education. Providing meaningful learning experiences and activities in a remote environment is critical and will help build the teacher-student relationship. Communication, teacher relatedness, connections, and technology contribute a successful teacher-student relationship in a remote setting.

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