How information technology can be integrated into the instructional process and curriculum?

Technology is a big part of our everyday lives. We live in a digital world, making technology an essential resource to enhancing the education of our students. Record keeping can be hard to organize at times, but technology can be an easy way to keep it organized. Technology can be used to help teachers collaborate with other teachers from anywhere. Educators can integrate technology to help with enriching some students' education, while providing intervention for others.

Powerteacher, Google Classroom, and Go Formative are just three of the many websites that can be used to keep track of students' grades and progress. Go Formative and Google Classroom allows you to give assessments that provide immediate feedback to your students. They will even show you the individual question each student has missed. Powerteacher, Google Classroom, and Go Formative allow educators to keep track of attendance and grades while posting assignments and lectures.

Collaboration is a major part of teaching. Teachers share ideas amongst colleagues. Students collaborate to find solutions. Parents contact teachers to help find the best way to support a student's education. Technology allows people to collaborate without having to be right beside each other. Through Google Meets, I met with my cooperative teacher to discuss how we would share the workload or, if there were any questions we needed to ask, this was our opportunity. The students even had the opportunity to participate in a Google Meet, so they could see their friends, teach them lessons, and ask questions. When we are put in a situation where students have to participate in distance learning, technology is a great way to keep everyone connected to continue supporting a sense of community amongst your classroom or colleagues.

Technology is a great way to differentiate lesson plans. Students can be working at their own pace while working on their own level. While student teaching, I used MobyMax as a way to provide an enriching education for those who were identified as gifted and as intervention for those who needed the extra support. Some students can be working on multiplying three-digit numbers by two-digit numbers while another student is still working on memorizing their math facts. Technology is constantly collecting data and manipulating the information it provides to a student to meet their needs and challenge the student as much as possible. By using programs that can match the students ability level, a teacher can have more time to work with individuals or small groups on specific skills or to catch them up on work they missed. Many different websites allow students to work on improving their academic levels while including engaging games and material.

Technology can be a big help in the classroom. It can help keep people stay connected even when they are not in the same place. Teachers can provide more differentiated lessons to a classroom full of a variety of abilities. Technology allows you to stay more organized with the background scene of educating students. Integrating technology will allow teachers to go above and beyond the expectations they are held to by providing students with an engaging lesson.