Day in the Life: Myriad Uses of Technology in Today's Educational Environments

Sasha - Elementary Student
Sasha is an elementary school student in Florida whose 1:1 grade-level tablet allows her to complete work on a new digital assignment on the bus. She shows her friends how to get the latest free download, and she likes it since they are on the bus. Sasha uses the tablet to stay connected to the family. The teacher assigns a weekly assignment for the students to complete online, which includes a reading and a writing activity. The tablet allows Sasha to complete the assignment on the go, and she can share her progress with her parents via email.

Joe - Middle School Student
Joe is a middle school student in Minnesota. In his middle school science class, the teacher assigns a project to use a new digital tool. Joe uses the tool to create a virtual model of a molecule, and he presents it to the class. Joe also uses the tool to research information for a school project. The teacher allows students to use various digital tools to complete assignments and projects, and Joe enjoys using these tools to enhance his learning experience.

Carissa - High School Student
Carissa is a high school student in Kansas. In her advanced English class, the teacher assigns a research paper on the impact of technology on society. Carissa uses various digital tools, including spreadsheets and word processors, to complete her research. She also uses a digital tool to create a graphic novel, and she presents it to the class. Carissa enjoys using technology to enhance her learning experience and to express her creativity.

Technology Takes Learning to the Next Level at Kentucky High School

Chadwick Smithson, Duchess High School Technology Director, says that technology provides a powerful tool for students to take learning to the next level. In his district, students use various digital tools to complete assignments, presentations, and research projects. The tools allow students to create interactive and engaging presentations, and they can use them to collaborate with other students and teachers. Chadwick believes that technology is essential for preparing students for the future, and he is committed to providing students with the tools they need to succeed.

Security Considerations

The district has implemented various security measures to protect student data and ensure the privacy of students. These measures include monitoring student device usage, setting up firewalls, and implementing anti-virus software. The district also provides professional development for teachers and staff to ensure they are aware of the latest security measures.

Determining Student Devices

When determining what devices to use in the classroom, the district considers the needs of the students, the school's technology infrastructure, and the available resources. The district also considers the cost and the potential for student collaboration and creativity. The district uses a combination of tablets, laptops, and desktops to meet the needs of the students.

Mathematical Standards

The district uses various mathematical standards to guide the development of technology tools and resources. These standards include those for grades K-5, 6-12, and high school. The district also provides professional development for teachers to ensure they are familiar with the standards and how to implement them in the classroom.

Is Your Infrastructure Ready?

To ensure that the district's infrastructure is ready to support the use of technology in the classroom, the district conducts a comprehensive assessment of the technology infrastructure. This assessment includes an evaluation of the network, the servers, and the devices. The district also provides professional development for teachers and staff to ensure they are aware of the latest technology trends and how to implement them in the classroom.

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