

Technology Goals

2019 – 2020

Goal V: Leverage the power of technology resources and ubiquitous access to information to create relevant and actively engaging learning experiences, in order to prepare our students for a globally networked society where they will be skilled lifelong learners and contributors of new information. This will be achieved through:

a) Professional Development for all instructional stakeholders

- Teachers receive quality and focused professional development on the effective use of instructional technology to support their role as Master Educators. Teachers are assessed on their current knowledge and skill set, so that relevant, meaningful and targeted professional development occurs throughout the school year.
- Technology staff receive pertinent training for the continuous development of the district's global infrastructure and security. This includes professional development in administrative and educational technology practices to provide the job-embedded support to teachers for the most effective use of technology in the classroom. The tech team members regularly attend local technology roundtables to learn and share best practices with other school districts in New Jersey.
- Continue with advanced training of the district's Student Information System (SIS), OnCourse.

b) Ubiquitous technology resources

- District web-based resources will continue to be streamlined through Clever, a single-sign-on environment, which provides a "one-login technology" to quickly and securely access all web-based resources. The portal integrates and keeps online applications updated and rostered while providing the most effective access for all district stakeholders.
- New resources are carefully vetted to ensure they are timely, engaging, student-centered and foster personalized learning experiences so that all students are given fundamental tools for academic achievement and skills to plan a successful path for their future.
- Virtual reality technology is integrated to supplement social-emotional learning to further support the improvement of academic achievement through experiences with real world connections to what is learned.
- Teachers are encouraged to setup and maintain their websites to provide relevant information to parents and students. Teachers will also use OnCourse's comprehensive portal to communicate interactively, publish grade-book information and deliver educational home activities to a class group or to individual students.

- Continued customization of the district's Student Information System (SIS), OnCourse, to meet the needs of the district and provide immediate, accurate analysis of student data.

c) A robust and scalable Infrastructure, which provides a safe and secure, technology-rich learning environment

- The district will maintain the infrastructure to ensure a solid, safe connection for every device, wired or wireless.
- The district will continually monitor and gauge the local and wide area network (LAN/WAN) to ensure overall network integrity and district hosted services are efficiently interconnecting.
- Network and desktop security are kept current and updated with products that specifically target the needs of the educational environment. Internet filtering systems, which meet the Children's Internet Protection Act (CIPA) requirements, are in place.
- Keep the JAMF Casper Suite current to provide more services and features for the dynamic management, including imaging, of all Apple products as well as maintain inventory of all systems and peripherals.
- Continue the enrollment to Apple School Manager and the Volume Purchasing Programs for better management of student and teacher applications.
- Keep the student and staff acceptable use policies current to protect, support and guide users to the proper use of technology tools and devices in a networked infrastructure.
- Continue the yearly participation of the Schools and Library Program, commonly known as ERate, to obtain discounts towards the required maintenance costs of the district's infrastructure upgrades (network hardware & related services) and telecommunications services (internet).