



WE ARE YOUR SCHOOLS

3-YEAR TECHNOLOGY PLAN (2012-2015)

Vision

FWCS will be a school district where technology is used equitably to expand and amplify our students' educational experience in a supported and reliable manner.

Mission and Goals

We are committed to using current technologies to support the Fort Wayne Community School Corporation's district-wide goal to educate all students to high standards enabling them to become productive, responsible citizens. Technology breaks down barriers and allows students to learn anytime, anywhere.

Goal 1 - Provide Meaningful, Global, and Equitable Access

Technology should meet the needs of all staff and students no matter where they are - even offsite. Technology systems should not be implemented just because they are the latest thing or for mere appearance. Technology must directly tie to the curricular and administrative needs of the District.

Strategies

1. Provide ubiquitous wireless access at all schools.
2. Increase wired client bandwidth from 100mb to 1g.
3. Expand use of online learning applications that can be accessed by mobile devices (i.e., iOS devices) at all levels. Examples include Apangea, Compass, NovaNet, Discovery, Destiny, assorted Montessori and elementary-based apps.
4. Expand 1-to-1 programs at secondary schools. Examples include New Tech, Project Lead the Way Bio-Medical and Engineering.
5. Expand eReader services through eBook content and increase the number of devices.
6. Develop and implement homebound instruction framework.
7. Increase the number of online courses available to students. Examples include Apangea, Compass, NovaNet, and custom courses developed by FWCS teachers using Moodle.
8. Expand local cloud and remote hosted-cloud services. Examples include Google Docs.
9. Pilot staff Bring-Your-Own-Technology (BYOT) and develop policies for student use.
10. Continue to encourage use of subscription research databases. Examples include CultureGrams, EBSCO Points-of-View, GaleNet, World Book, and INSPIRE.

Metrics

1. Number of schools with ubiquitous wireless networks.
2. Number of schools with 1g wired service.
3. Ratio of mobile devices/computers to students.

4. Number of online applications being used in the classroom by mobile devices.
5. Number of 1-to-1 programs at secondary schools.
6. Number of media centers offering eReader services.
7. Number of eBooks available to students and staff.
8. Circulation statistics of eBooks through the media centers.
9. Number of students receiving homebound instructional services online.
10. Number of services available through off-site access.
11. Presence of BYOT policies and access.
12. Statistics of use from subscription research databases.

Goal 2 - Foster Innovative and Differentiated Learning

The technology systems and products implemented should engage learners and allow them to explore and realize their imaginations. Technology should also facilitate students learning at their own progress and help educators monitor and track students' growth.

Strategies

1. Expand use of online learning applications that can be accessed by mobile devices (i.e., iOS devices) at all levels. Examples include Apangea, Compass, NovaNet, Discovery, assorted Montessori and elementary-based apps.
2. Expand 1-to-1 programs at secondary schools. Examples include New Tech, Project Lead the Way Bio-Medical and Engineering.
3. Increase the number of online courses available to students. Examples include Apangea, Compass, NovaNet, and custom courses developed by FWCS teachers using Moodle.
4. Expand interactive board and slate use at all schools. Examples include Promethean and Mobi slates.
5. Implement a secure social media framework that allows teachers to create online learning communities for students and parents. Examples include Edmodo, Schoology.
6. Provide dedicated technical support for video conferencing to encourage increased use of electronic field trips, interactive learning sessions, and classroom collaboration. Examples include McMillian Health, Cleveland Clinic, CosSi, AceLink.
7. Increase the use of electronic textbooks that are device agnostic.
8. Update school studios with equipment that allows video productions to be broadcast over the IP network. Examples include VBrick.

Metrics

1. Ratio of mobile devices/computers to students.
2. Number of online applications being used in the classroom by mobile devices.
3. Number of 1-to-1 programs at secondary schools.

4. Number of online courses offered.
5. Number of students enrolled in online courses.
6. Number of custom courses being delivered through Moodle.
7. Number of classrooms with interactive boards or slates.
8. Number of teachers using social media for their class communications.
9. Number of video conferences.
10. Number of content areas by level that offer online textbooks.
11. Number of schools capable of broadcasting school-produced videos over their IP network.

Goal 3 - Develop and Foster Engaging Communications

Educators must communicate to all stakeholders.

Strategies

1. Implement a secure social media framework that allows teachers to create online learning communities for students and parents. Examples include Edmodo, Schoology.
2. Continue to tailor the main FWCS website to the ever changing needs of our stakeholders.
3. Automate the population of the FWCS Balanced Score Card from the data warehouse.
4. Continue to provide the State DOE data as requested.
5. Upgrade the existing PBX phone system to be more efficient and maintainable.
6. Replace aging notification system with a system capable of quick mass communication.
7. Continue to expand the repository of reports available to schools that show key measures and indicators.
8. Continue to expand the number of custom reports available to schools from the student management system.
9. Expand the online employee self-serve features. Examples include benefit management.

Metrics

1. Number of teachers using social media for their class communications.
2. Number of visitors to the FWCS website.
3. Number of metrics automatically populated with data.
4. Number of complaints received from the DOE concerning late or incomplete reports.
5. Number of schools with updated PBX systems.
6. Number of reports added to the data reporting system.
7. Number of custom reports developed and deployed for schools on the student management system.

8. Number of services offered through the secure employee portal.

Goal 4 - Establish and Maintain Effective and Efficient Operations

Operational tasks include administrative tasks that monitor, track, and report student demographics, progress, growth, health conditions, etc. Other tasks include human resources, payroll, warehouse, transportation, and nutrition services – anything necessary for the safety and achievement of our students. Still other operational tasks involve supporting the technical infrastructure and the connected client devices.

Strategies

1. Complete the upgrade of the client management system (i.e., Altiris)
2. Select and implement a client management system for hand-held devices.
3. Migrate wholly from Novell to Microsoft's File and Print services.
4. Continue to integrate the different application systems so that data is shared without the need for dual entry.
5. Select and implement new Time Management system.
6. Select and implement new Human Resources / Payroll system.
7. Select and implement new work order entry/asset management system.

Metrics

1. Completion of projects.
2. Number of systems with manual integration processes.
3. Number of man-hours spent cleaning bad data.
4. Number of district processes improved and/or automated.