

Goal 1 (Operations):

The Western Boone County Community School Corporation will support technology systems and provide interactive, uniform electronic productivity and learning systems to facilitate communication and extend resources outside the school walls.

Strategies for Goal 1:

1. The district will provide teachers and students access to email, productivity tools, and file storage on school and off premises
2. The district will provide tools which will provide teachers and students access to a learning management system which can be used as a curriculum, professional development, learning resource and collaboration tool and is available on school and off premises
3. The district will automate processes, such as creating new users, and moving data between systems.
4. The district will improve district systems for district software and hardware inventories
5. The district will provide Microsoft Lync as a staff and IT collaboration tool and support tool
6. The district will develop a training program with budget for technology staff to support the new tools and hardware and incorporate training with vendor contracted services, installation, and other face-to-face and online trainings
7. The district technology department will meet more frequently for formal and informal professional development and the sharing of ideas
8. The district will investigate printing usage and explore opportunities to reduce waste and cost associated with printing

Metrics for Strategy 1-1:

1. Year 1 - Identify and select tools
2. Years 2 and 3 in academic goal

Metrics for Strategy 1-2:

1. Year 1 - Identify and select
2. Years 2 and 3 in academic goal

Metrics for Strategy 1-3:

1. Year 2 - Explore
2. Year 3 - Implement findings, which are economically feasible

Metrics for Strategy 1-4:

1. Year 1 - Explore in-house system functionality
2. Year 2 - Implement in-house system if available or investigate other options and make recommendations for purchase
3. Year 3 - Maintain systems

Metrics for Strategy 1-5:

1. Year 1- Contact an outside Microsoft contractor to assist in developing Lync to be used within the district. Include the ties to the district email system.
2. Year 2 - Pilot Lync functionality with the IT staff and district leadership
3. Year 3 - Expand Lync functionality with other district staff

Metrics for Strategy 1-6:

1. Ongoing - The director of Technology will attend regional or state IT collaboration (Indiana CoSN) and co attend instructional technology conferences with the Director of Curriculum and other Instructional staff (examples are ISTE and FETC)

Metrics for Strategy 1-7:

1. Ongoing - The director of Technology will establish a time for the technology department to meet regularly (monthly) to receive formal training and discuss problems on the network.
2. Year 2 - Use of Lync for the meeting to reduce travel times when appropriate.

Metrics for Strategy 1-8:

1. Year 2 - Form a district task force to investigate printing use and make recommendations for improved efficiencies in printing
2. Year 3 - Implement recommendations

Goal 2 (Infrastructure):

The Western Boone County Community School Corporation will create a successful, digital learning environment by providing highly available electronic resources.

Strategies for Goal 2:

1. The district will improve WAN connections between district facilities
2. The district will provide network switches to support 1 GB connectivity to the desktop and wireless access points and 10GB on the core
3. The district will maintain and maximize the wireless network to support end user devices as they increase in number
4. The district will refresh and upgrade servers as needed to support district applications
5. The district will develop a disaster recovery plan which will include protection of district data by providing an off-site backup solution for critical systems and documentation of district systems
6. The district will provide proactive system maintenance by establishing and monitoring network systems
7. The district will monitor and provide Internet bandwidth at optimum levels for users' needs

Metrics for Strategy 2-1:

1. Year 1 - Explore the use of E-Rate, file E-rate paperwork, and solicit bids to support dark fiber or increased stable connections between buildings.
2. Year 2 - Install

Metric for Strategy 2-2:

1. Year 3 - Upgrade (after WAN upgrade)

Metrics for Strategy 2-3:

1. Year 1 - Upgrade both elementary schools' wireless LAN controllers to 50 access point capacity
2. Year 2 - Add Access Points to classrooms that don't already have them installed
3. Ongoing - Evaluate annually district needs and upgrade when necessary

Metrics for Strategy 2-4:

1. Ongoing - annually evaluate and make recommendations for server upgrades

Metrics for Strategy 2-5:

1. Year 1 - Document systems and provide recommendations for off-site storage
2. Year 2 - plan is approved and implement recommendations
3. Ongoing - the plan is reviewed annually and updated as needed

Metrics for Strategy 2-6:

1. Year 1 - Work with a contractor to review available systems and make recommendations for purchase
2. Year 2 - implement
3. Year 3 - ongoing monitoring

Metrics for Strategy 2-7:

1. Ongoing - check Internet access monthly and make recommendations for increases when utilization exceeds 70%
2. Year 2 - investigate replacing the existing firewall with a new firewall that has Web VPN capabilities

Goal 3 (Academics):

The Western Boone County Community School Corporation will support student learning by providing instructional equipment and electronic resources supporting academic standards adopted by the Indiana Department of Education and the expansion of technology available to students.

Strategies for Goal 3:

1. The district will provide instructional equipment to support academic standards.
2. The district will provide teachers and students access to email, productivity tools, and file storage on and off school premises
3. The district will provide tools, which will provide teachers and students access to a learning management system, which can be used as a curriculum, professional development, learning resource, and collaboration tool and is available on school and off premises
4. The district will review and provide technology and information literacy, digital citizenship and safety training for students.
5. The district will develop a curriculum warehouse repository, which includes the alignment of electronic resources to the curriculum.

Metrics for Strategy 3-1:

1. Year 1 - Provide laptops for teaching staff. Organize a group to define the technology necessary to support academic standard-focused instruction for students. Include a timeline with the recommendations. Include recommendations for personal device usage for students including 1:1 initiatives.
2. Year 2 - Implement student technology as recommended by the committee
3. Year 3 - Continue implementation according to timeline recommendations

Metrics for Strategy 3-2:

1. Year 1 - In Operations Strategy 1
2. Year 2 - Implementation and training
3. Year 3 - Immersion

Metrics for Strategy 3-3:

1. Year 1 - In Operations Strategy 2
2. Year 2 - Implementation and training including mapping of electronic resources to curriculum
3. Year 3 - Immersion

Metrics for Strategy 3-4:

1. Year 1 - Review, update, and adopt technology and information standards and make recommendations for future training and classes
2. Year 2 - Implement new training and classes
3. Year 3 - Monitor student progress

Metrics for Strategy 3-5:

1. Year 1 - Select the system. Develop a timeline for implementation and a process to keep the information current
2. Year 2 - Implement the according to the plan and timeline
3. Year 3 - Continue implementation according to the plan and timeline

Goal 4 (Professional Development):

The Western Boone County Community School Corporation will create a successful, digital learning environment by providing training to teachers and staff.

Strategies for Goal 4:

1. The district will develop a specific, data-driven professional development plan that outlines relevant concept-based training, tool-based training, opportunities for collaboration and instructional use. Training will be multifaceted.
2. The district will establish accountability and leadership strategies to promote technology integration in the classroom.

Metrics for Strategy 4-1:

1. Year 1 - Exposure and definition - opportunities to expose staff to new technologies and applications to incorporate into plan. Exposure will include examples such as in-service workshops, conferences, summer institutes, and site visits. Identify and define district core systems for which staff will need training.
 - Conferences – Local and national conferences provide educators the opportunity to benefit from tool and concept-specific training, along with developing collaborative relationships with other educators. Identifying faculty leaders in technology integration (see “Train the Trainer” below) and sending them to conferences would allow them to bring such training and expertise back to the district’s faculty.
 - In-Service Workshops – Full or part-day faculty in-service workshops allow for time to integrate not only tool-specific training, but also broader conversations of instructional strategies for building 21st century skills and meeting student learning goals. A technology integration specialist or other on-staff trainer could facilitate workshops/meetings.
2. Year 2 - Immersion - Provide make and take opportunities for staff development
 - Regular Training Sessions – Whether at scheduled faculty meetings, before or after-school sessions, or at regular times

throughout the year, training should be offered regularly, whether to bring faculty and staff up to speed on particular tools or applications, or to discuss philosophical approaches or instructional strategies. Again, a technology integration specialist or other on-staff trainer could lead and/or facilitate training sessions.

- Summer Institute - During interviews, the district digital visioning committee expressed a desire and willingness to conduct summer technology training for staff. Summer institutes emphasizing district tools and conducted by district staff can be a very powerful way to seed staff learning for the coming year.
 - “Train the Trainer” – Another option for schools in providing on-staff support for faculty is a “Train the Trainer” model in which key faculty members are identified to receive specialized training from workshops or conferences and share that expertise with their colleagues.
3. Year 3 - Immersion - Continue implementation of plan

Metrics for Strategy 4-2:

1. Year 1 - Survey teacher skills. Establish standards for staff use of technology over a three-year period including a rubric for assessment of staff usage.
2. Year 2 - Train leadership on monitoring of staff proficiency. Leadership modeling technology usage. Implement accountability standards.
3. Year 3 - Continue implementation and revision of technology integration standards and assessment of classroom integration.