




Journey
Of
Excellence

Strategic Plan:
Technology Coach Pilot
Recommendation

+ Strategy I



We will **accelerate** the use of
advanced technology as an
integral component of the
educational program and to
effectively manage our system.

+ Technology Coach Pilot: History



- Current professional development
 - After-school professional growth classes (voluntary)
 - Institute Days (3 days per year)
 - One-time conferences or workshops (voluntary)
 - Release time for specific training sessions (voluntary)
- Significant increase in hardware/software without increase in professional development
 - SmartBoards, Laptops, iPads, iTouches, LCD Projectors, Document Cameras, Kindles, Video Streaming, Teacher Websites, Inform...

+ Technology Coach Pilot: History



- Recommended by the original Strategic Plan Technology Action Team as an effective method for **accelerating** technology professional development (Action Plan 3)

+ Technology Coach Pilot: Research

Effectiveness of Training Components

COMPONENTS	KNOWLEDGE	SKILL →	TRANSFER
Study of Theory	10%	5%	0%
Demonstration	30%	20%	0%
Practice	60%	60%	5%
Peer Coaching	95%	95%	95%

Based upon the research by Joyce and Showers

+ Technology Coach Pilot: Recommendation

- The Technology Implementation Committee recommends for the 2011-12 school year pilot program:
 - 3 Technology Coaches
 - 1 assigned to a middle school
 - 1 assigned to a large elementary school
 - 1 assigned to a small elementary school
 - School assignments to be determined by data (number of students, number of staff, principal input, staff skill levels)

+ Technology Coach Pilot: Roles & Responsibilities



- Provide technology integration support for individual teachers, grade-level teams, and school faculty.
- Provide classroom instructional support for teachers through co-teaching, modeling, providing feedback, co-planning, and developing resources.
- Build awareness and generate enthusiasm for technology resources.
- Utilize and model technology integration strategies to support differentiation.
- Provide differentiated professional growth opportunities for staff.
- Build trusting, one-to-one relationships with staff.

+ Technology Coach Pilot: Roles & Responsibilities



- Assist in assessing and tracking technology skill levels of students and teachers and then use the data to develop a professional development plan for staff.
- Be visible and available within the building.
- Work collaboratively with building technologists.
- Stay abreast of current technology trends, teaching strategies, and educational best practices.
- Assess and provide input for technology resource purchases based on teacher input.
- Communicate with all district stakeholders, including regular presentations to Board of Education.

+ Technology Coach Pilot: Qualifications

- Certified Teacher- minimum of 2 years teaching experience
- Strong understanding of technology integration and quality instruction
- Ability to differentiate professional development for teachers based on skill levels
- Experience with providing professional development for adult learners
- Strong leadership and communication skills
- Lifelong learner- develop expertise and skills in new technologies

+ Technology Coach Pilot: Qualifications

- Understand the use of technology as a source for interventions
- Ability to problem solve
- Experience with Mac computers and SmartBoards
- Confident in classroom management
- Self-motivated
- Enthusiastic and patient

+ Technology Coach Pilot: District Support

- Time for teachers to participate in professional development with coaches
 - Professional Development Wednesdays
 - Before/after-school sessions
 - Possible release time
- Time for coaches to collaborate with one another, technology department, principals, and curriculum specialists
- Resources necessary for technology integration to occur
 - Hardware
 - Software
 - Infrastructure
- Extended yearly schedule for coaches in addition to the teacher calendar
 - Provide summer professional development for staff
 - Collaboration time
 - Time for coaches to participate in their own professional development

+ Technology Coach Pilot: Program Evaluation

- Surveys
 - Pre and post surveys for staff in pilot buildings- satisfaction, impact of coaches, etc.
 - Pre and post surveys for parents/students in pilot buildings
 - Pre and post staff technology proficiency surveys for all staff in district (comparative data)
- Coaches' Logs
 - Journal of how coaches utilize their time
- Evidence
 - Informal observations
 - Lesson plans
 - Videos of lessons

+ Technology Coach Pilot: Program Evaluation

- Teacher Focus Groups
 - Pilot buildings
- Student Data
 - Develop way to assess student performance in relation to NETS for Students
 - Long-term look at changes in student achievement data
- Compare data from pilot schools and non-pilot schools to determine impact of technology coaching

+ Technology Coach Pilot: Future Steps

- Data from the pilot program evaluation will be used to determine the role of technology coaches in District 64 in future years.

+ Technology Coach Pilot: Budget Implications

- 3 Technology Coaches
 - Certified Teacher Salary Schedule
 - Approximate salary + benefits = \$65,000
 - Additional days for summer professional development
 - Teacher calendar + 10 additional days
 - 10 days per coach = approximately \$10,540
 - Possible release time for teachers in pilot buildings = approximately \$5,000
- One-year pilot for 2011-12
- Total Cost = Approximately \$210,540

+ Technology Coach Pilot

Thank you to the Advanced
Technology Committee, the
Technology Implementation
Committee, the Administrative
Team, and School Board
Members.