

BOE Committee of the Whole *
Wichita Public Schools - USD 259
November 16, 2009 - 6 p.m.
Wichita High School North Library
1437 Rochester - Wichita KS



The work of Wichita Public Schools is to empower all students with the 21st century skills and knowledge necessary for success by providing a coherent, rigorous, safe and nurturing, culturally responsive, and inclusive learning community.

* Although a quorum of the Board of Education may be present, no official action will be taken.

Agenda

- I. Development of the Taskforce.....Denise Wren
- II. Overview of the Taskforce membership and three sessions.....Jim Means
- III. Structural and systemic recommendations.....Jim Means
- IV. Reflection over the recommendations.....Jim Means
- V. Next steps
 - a. Number of students
 - b. Location
 - c. Curriculum needs
 - d. Resource needs
- VI. Scenarios.....Denise Wren and Jim Means

Technical Magnet High School Taskforce

Report to the Board of Education of USD 259
November 9, 2009

At the direction of interim-superintendent Martin Libhart, a taskforce was created and charged with developing a recommendation to the Board of Education for the technical magnet high school concept included in the bond issue approved in November 2008.

I. Taskforce Membership

Membership of the taskforce included business and industry representation, local and regional postsecondary education institutions, and community organizations.

Debby Alford	Bombardier Aerospace, Learning Leader
Lisa Atcheson	Spirit AeroSystems, Sr. Manager Learning Solutions and Services
Mac Barnett	Ceco, Inc, Vice President and General Manager
Leslie Berryhill	Wichita Area Technical College, Senior Learning Office Health Services
Shannon Bohm	Schaefer Johnson Cox Frey Architecture, Vice President
Janet Brandes	Wichita State University, Education Program Coordinator for Department of Public Health
Beth Buchholz	Wichita Area Technical College, Director of Health Programs
Mike Calvert	Butler Community College, Dean of Butler Learning Community Centers
Eric Carlson	Koker Goodwin & Associates, Inc., IT Manager
Chester Daniel	Urban League of Kansas, President and CEO
Connie Dietz	USD 259 Board of Education Representative
Jim Edwards	Butler Community College, Dean of Career and Technical Education
Tom Erwin	Butler Community College, Chief Information Officer
Ray Frederick	Frederick Heating and Plumbing, Owner and Wichita Area Technical College Board of Trustees
Justin Hopper	Custom Cupboards, Manager
Trish Hutchinson	Butler Community College, Dean of Nursing
Kent Irick	Cessna, SOJT/Technical Training
Brian Landwehr	Hawker Beechcraft, Human Resources Leader
Ken Lee	Ruggles & Bohm, Project Engineer
Kevin Lyerla	Friends University, Executive Director of Information Technology
Ed Miller	Milling Precision Tool Corp, Owner
Cyndy Miller	Wesley Rehabilitation Hospital, Director of Therapy Operations
Chrissie Nixon	Boeing Company, Community Relations
Susan Norton	Wichita State University, Director of Satellite Campuses and Workforce Development
Phil Orlando	Hispanic Chamber of Commerce, Board Member
Steve Porter	Hutchinson Community College, Dean of Workforce Development and Outreach
Bill Quattlebaum	Cessna, Vice President of Human Resources
Jessica Rhein	Parson Brinckerhoff, Transportation Engineer

Randy Roebuck	Wichita Area Technical College, Director of Technology and Military Relations
Ellen Shofler	Superior Tool Service, Office Manager and Wichita Manufacturers Association President
Linda Sorrell	Workforce Alliance
Krista Thacker	Via Christi Health, Manager of Sourcing and Community Relations
Zulma Toro-Ramos	Wichita State University, Dean of the College of Engineering
Sheree Utash	Wichita Area Technical College, Vice President of Academic Affairs and Learner Services
Mark Ward	Tindle Construction, Project Manager/CWI
Larry Whitman	Wichita State University, Director of Engineering Education
Amy Wilson	TW Metals, Lead Contract Administrator
Janice Wilson	Wichita Area Technical College, Program Director of Practical Nurse
John Allison	USD 259, Superintendent
Denise Wren	USD 259, Assistant Superintendent of High Schools
Jim Means	USD 259, Executive Director of Secondary Career and Technical Education
Alice Duwe	USD 259, Coordinator for Business, Computer and Health Programs
Kathy Tevebaugh	USD 259, Coordinator for Family and Consumer Sciences Programs
Neill Wheeler	USD 259, Coordinator for Technical Education Programs

II. Taskforce Meetings

The taskforce held its first meeting on April 30, 2009 and spent a significant portion the meeting discussing and brainstorming the qualities and characteristics of an ideal technical magnet high school. The activity resulted in a lengthy list which was used in subsequent meetings. The group also received information on current USD 259 career and technical education (CTE) programs, 21st century skills, the Kansas Career Clusters and Fields Model, and the Kansas Career Pipeline.

The second meeting, held on August 18, 2009, was dedicated to refining the list of qualities that define the ideal magnet school by focusing on those qualities which the group felt were most critical. In response to a request from the taskforce, current labor data was presented from the 2006-16 Occupational Outlook prepared by the Kansas Department of Labor. The meeting concluded with the taskforce identifying four areas of emphasis for the magnet program: health sciences, information technology, manufacturing, and STEM (science, technology, engineering and mathematics).

October 6, 2009 was the taskforce's final meeting and resulted in the creation of a draft recommendation for the Board of Education. Meeting time was also devoted to preliminary conversations on program content and desired student skill sets.

III. Taskforce Recommendation

The recommendation of the Technical Magnet High School Taskforce describes the structural and systemic elements which the taskforce believes are critical to creating an effective and successful technical magnet high school program.

Structural – The technical magnet high school program should:

- address four areas of emphasis – health sciences, information technology, manufacturing, and STEM (science, technology, engineering and mathematics)
- provide students a comprehensive high school experience
- require an application process with appropriate criteria for selection and admission to the school (i.e. parental support, KCP results that align with program focuses)
- provide students with opportunities to explore multiple career options at the freshmen level
- develop and maintain strong industry partnerships/participation in program advisory boards, support of student mentoring and internships, and support of teacher mentoring and externships

Systemic – The technical magnet high school program should:

- give attention to redefining career and technical education (CTE) as a program of first choice, offering programs with an intentional career focus
- complement existing CTE programs, ultimately becoming a career exploration resource for all district students
- sustain its viability by staying current with industry trends and state-of-the art technology
- be staffed by quality faculty, which may require consideration of alternate certifications and externships to maintain high skill levels
- make use of individual study plans developed for each student and student portfolios
- provide students with opportunities to earn college credit and industry recognized certifications
- provide student instruction with an application, hands-on focus, and experience based learning opportunities (i.e. job shadowing, mentoring, internships)
- provide students with instruction that develops 21st century skills