

The “Resurgence” of McKinley and its NEW VISION to become “The Highest Performing School in the Nation!”

In 1997, McKinley Technical High School closed its doors. The school had a “storied” history and a “who’s who” of alumni. However, the school was physically “run down” and there was a need to retool. The school remained closed until 2002 when it resurged as the first “technology” school in the District. The Mayor and Superintendent at the time searched the country for a technology talented principal and someone with the foresight and skill to venture on such a comprehensive project. Daniel Gohl, an administrator from Texas, was selected from a panel to lead the charge. Mr. Gohl worked diligently in difficult conditions and arbitrary time lines to build a competent and excited faculty, a challenging curricula and a comprehensive program. And the “Resurgence of McKinley” had begun!

McKinley **Technology** High School reopened its door in 2004 with 9th and 10th grades and the new story of McKinley was being rewritten. Alumni, community and parents and students were excited about this new, innovative and bold high school. Mr. Gohl and the McKinley community established a rigorous and relevant, real-world program. Students were exposed to a liberal-arts and CTE (career and technical education) education. The requirements at McKinley were much more challenging than the rest of the district- students were required to take 4 years of science and math instead of 3, 3 years of world languages instead of 2 and 4 credits in their selected CTE choice. McKinley offered choices in Broadcast, Information Technology, and Biotechnology. Partnerships were enhanced to make the learning relevant with connections to the National Institute of Health, XM Radio, Carnegie Institute of Science and many colleges and universities.

The results of this program led to impressive student achievement. In each of the next three years McKinley made AYP and grew in math and literacy achievement every single year! The culture and academic program had been established because of the staff, community and leadership!

In 2007, Principal Gohl left McKinley to pursue a consulting career. David Pinder, the Resident Principal of New Leaders for New Schools, succeeded Principal Gohl. Mr. Pinder had spent a year of residency under Principal Gohl and assessed with the community changes that needed to be made to move McKinley from “Good to Great!” The community was clear: McKinley needed to examine a new Vision and Mission to ensure that the program would grow to impressive gains

and prepare students for the ever-changing global market. Thus, began 

In the Fall of 2007, the McKinley community of parents, students, teachers and staff ventured on a self-assessment of what was working at McKinley and what needed to be done to move the school to “high performing!” Throughout the next 7 months, there were 6 community evening meetings and dialogue, 4 teacher and staff professional developments, 1 Student led Vision day, and several leadership meetings to write the new Vision and Mission.

In March of 2008 the McKinley community held a dinner to celebrate the new Vision and Mission of McKinley Technology High School. More than 1,200 people had participated in the process that led to our New Vision! McKinley will “become the highest performing school in the nation” in the next 5 years! Now we are charged with moving the school from “Good to Great!” On the following pages take a look at how we are going to get to our Vision by 2013. Let us know what you think as we truly desire to have community input!

Join us on our journey to provide our children with a 21st Century, Innovative Education that is second to none in the country. Innovative Curricula, master teaching with accountability for student results, high performing students and a culture that supports and celebrates high achievement-

Welcome to the NEW McKinley STEM School!

Our NEW Vision:

The Vision of McKinley Technology High School is to become the highest performing high school in the nation through the integration of a rigorous college preparatory and STEM curricula taught by master teachers that prepares students for the challenges of the ever-changing and competitive global market.

Our NEW Mission:

We are a professional learning community accountable for increasing student achievement.

Our Core Values:

**Dignity, Empowerment, Support, Communication,
Accountability**



Why STEM? **A Message from the Principal**

Welcome to the new McKinley STEM School! Our Vision and Mission process are complete. But, now comes the hard part- reaching our goals! You may be wondering why McKinley is moving to STEM (Science, Technology, Math and Engineering). The data has guided this decision. The United States was once the center of innovation in the world. The inventors, innovators and engineers were right here. But, times have changed. Today, 90% of the world's engineers are in India and China. And amazingly, 60% of US college students who are preparing to be engineers are foreign students. Out of 29 developed countries in the world, the US ranks 24th in math- 24th! We can no longer continue to ignore these realities if we are to remain the world's only Superpower. And McKinley has the foresight and ingenuity to lead this change.

Biotechnology jobs have increased 400% in the last 12 years. At McKinley, our students now have the opportunity to study molecular and plant Biotechnology. With the age of Microsoft and Google, McKinley offers Information Technology. And of course, we have now added Engineering through "Project Lead the Way" to prepare our students for the changes to compete in a global market. Finally, our age of technology has changed the way we communicate, report the news and network. McKinley offers Mass Media and Communications Technology so students are prepared to do business globally!

We are working diligently to become more innovative and "cutting-edge!" Last year, McKinley became one of only 7 schools in the US to receive a \$100,000.00 prize from AARP because of its community service and advanced education. This money is being used to provide our students the first technology mobile-unit in the world. With this technology our students will share their technological skills with community members by traveling to schools, retirement centers and libraries. This mobile unit supports our commitment to ensuring that learning is relevant and real-world connected and that we are a community school!

We have also added "blackboard" internet courses and a host of Advanced Placement offerings. The rigor is here!

McKinley STEM is paving the way for an advanced educational experience that prepares our students for the ever-changing global market! The challenges, innovation and creativity that will guide the advancements in the 21st Century are upon us and McKinley is offering the education to meet these demands!

Welcome to the new McKinley STEM!

David Pinder

A handwritten signature in cursive script that reads 'David Pinder'.

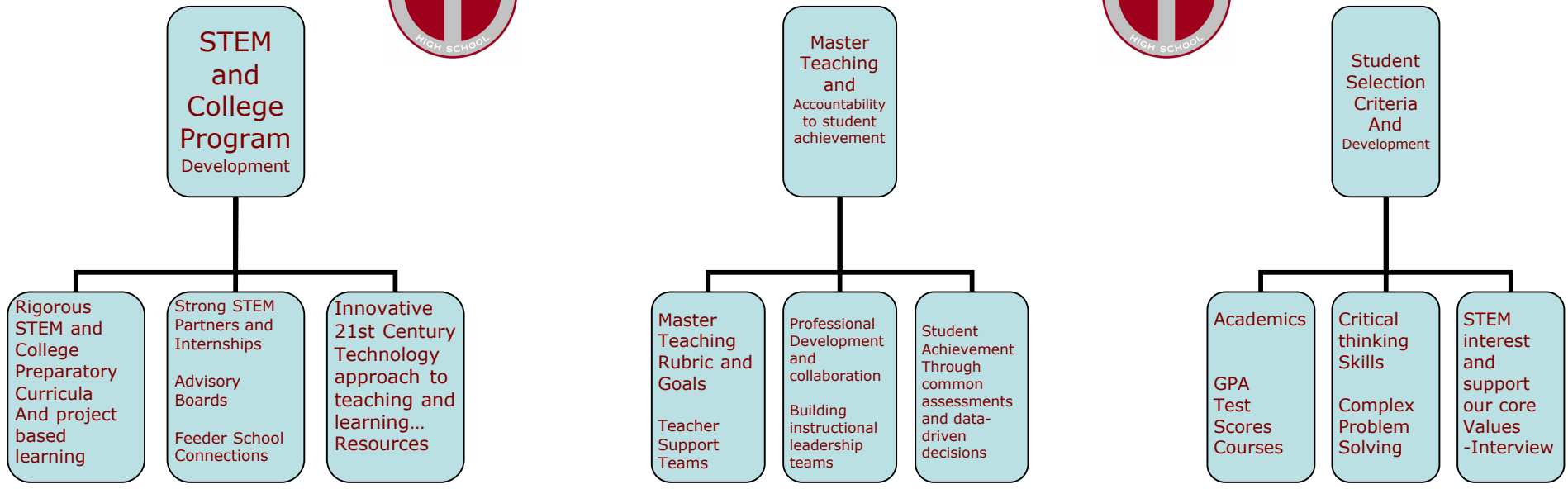
Principal

Reaching Our Vision:

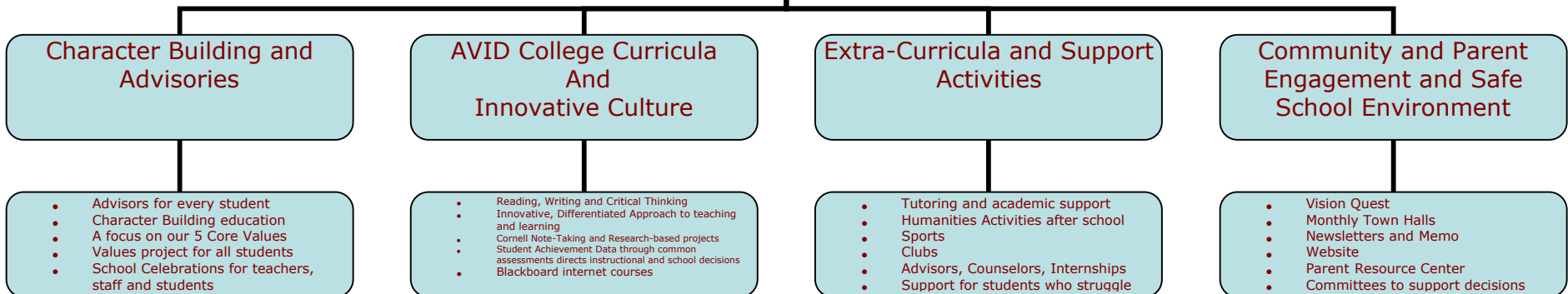
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"The Next 5 Years"



Student Achievement Support Programs



McKinley STEM School



Year 1: 2009-2010 (All 9th Graders are enrolled into the new school) the new school will be located on the 3rd floor)

- Students will have their own STEM uniforms
- Students will have new 4 year requirements (See below)
- Students in the new STEM school will have their own lunch, assemblies and recognitions
- Teachers in the new STEM will be exclusive to this school
- The STEM school will have one administrator, counselor exclusive to the STEM students
- The STEM school will be AVIDized with Cornell Notes, 1 binder and research papers all following the AVID format
- Learning will be project based with teachers working cross-curricular to develop the projects
- Each year a new grade level will be added until the full school is STEM
- Students will be required to maintain a portfolio each year to be presented at the end of the year for their STEM project
- There will be a selection process for teachers to teach in the STEM program beginning this Spring, 2009
- There will be a weekly McKinley STEM newsletter to parents and community

4 Year: Course Requirements for all incoming STEM students in the 9th grade, 2009-2010

Algebra	English	World Hist. I	World Languages	Biology	STEM Prep	Health/Phys.Ed	AVID/Reading/College Writing
Geometry	English	World Hist. II	World Languages	Chemistry	STEM course	DC CAS Prep	.5 PE/.5 elective
Alg.II	English	US Hist.	**AP Science, Math or Technology	Physics	2 STEM courses		SAT Prep elective
Pre-Cal.	English	DC. Hist/US GOV	Global Perspectives/Economics	**AP Science 1 STEM course			Internship/STEM Senior Project/AP Course/Elective

****Course taught every day (A and B day) 30 ½ credits required to graduate with a STEM certificate form McKinley**

- Every student must take at least 2 AP courses in their four year requirement (1 must be in science)

Electives: AP US History, AP Literature, AP Language, AP Biology, AP Chemistry, AP Physics, AP Computer Science, AP Statistics, AP Calculus SAT Prep, Web Design, Debate I and II, Computer Web Design, McKinley Website project, Senior Project, Senior Internship in STEM , Band

STEM Programs: [Mass Media and Communications](#) ~ [Information Technology](#) ~ [Biotechnology](#) ~ [Engineering](#)