

# GRADUATE **READY!**

college · career · life

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**21<sup>st</sup> Century Education  
For the Students of  
Eastside Memorial High School  
At the Johnston Campus**

Presentation to the AISD Board of Trustees  
September 22, 2008

# How Do We Create 21<sup>st</sup> Century Education For Students at Eastside Memorial?

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- With closure of Johnston, opportunity to realize *New Vision*
- Create a world-class high school on the Eastside
- Ensure 21<sup>st</sup> Century skills for all students

# Commitment to TEA – Repurposing Plan

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- Create first new school to open in 2008-2009
- Create second new school to open in 2009-1010
- Identify new instructional models to be implemented in 2009-2010
- New Tech High or Early College High School approved by TEA

# **New Vision Process: Parent and Community Involvement**

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- Meetings to inform, receive input and ideas, present new models and programs
  - Over 1,200 participated in 20 meetings
- Focus groups with students, parents, teachers
- Student questionnaire
- Site visits for parents and students to see models first-hand

# What do Parents/Community Want?

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- Parents/Community set priorities at Aug. 9 meeting:
  - Provide dual college credit courses
  - Increase college information for parents and students
  - Offer Career pathways and on the job training
  - Prepare students for the future, including technology
  - Don't restrict enrollment

# What Do Students Want?

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- Offer more dual credit college courses and college information
- Make classes more interesting, hands-on, and meaningful to their lives
- Teach study skills
- Do something about students who act out in classrooms and disrupt classes
- Offer career and technology classes

# What Do Data Reveal?

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- Instruction must serve ELL and Special Ed
- Support 9<sup>th</sup> graders
- Address mobility and retain more students
- Create college-going culture
- Support over-age, under-credit students

# Process to Identify Models

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- Models recommended by THSP, Gates, MSDF, consultants
- Twelve models reviewed in Texas and U.S.
- Research and interviews with each
- Site visits to 11 model schools across U.S.

# Criteria Established to Evaluate Models

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- Student Need
- Teaching and Learning
- College Readiness
- 21<sup>st</sup> Century Skills
- CTE opportunities
- Integration of Intervention/Social Services
- Systems for parent/community involvement

# Criteria (cont)

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- Non-selective enrollment
- Governance
- Capacity/Experience
- Technical Assistance
- Cost
- External partnerships

# Result of Evaluation

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- Eight models not viable:
  - Regional only
  - Selective enrollment
  - Doesn't serve demographics
- Four models viable for Eastside:
  - New Tech High
  - Early College High School
  - Global Studies
  - Texas-Science, Technology, Engineering, Mathematics (T-STEM)

# Comparison of Models

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- Each of the four viable models has strengths in common:
  - College focus with dual credit expected
  - CTE classes embedded
  - Meets student needs
  - Interventions embedded
  - Non-selective enrollment

# Pros and Cons of Each Model New Tech

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- **Pros**
  - Teaching and learning is core
  - Project Based Learning
  - 21<sup>st</sup> Century skills
  - College Enrollment expected
  - Strong technical assistance
  - External partnerships
  - AISD has experienced staff
- **Cons**
  - Cost of 1 on 1 computers

# Pros and Cons

## Early College High School

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- **Pros**

- 5 years high school
- Additional dual credit allowed
- Name implies “college” expectation

- **Cons**

- Students must pass entrance test to take dual credit
- Not innovative instructional model
- College “Lecture” instruction

# Pros and Cons Global Studies

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- Pros
  - 21<sup>st</sup> Century skills
  - College enrollment expected
  - Strong external partnerships
  - Strong technical assistance
  - Experienced staff
- Cons
  - Global does not have instructional platform and structure (multiple assessments, student “briefcase”, technology library, best practice, etc)

# Pros and Cons T-STEM

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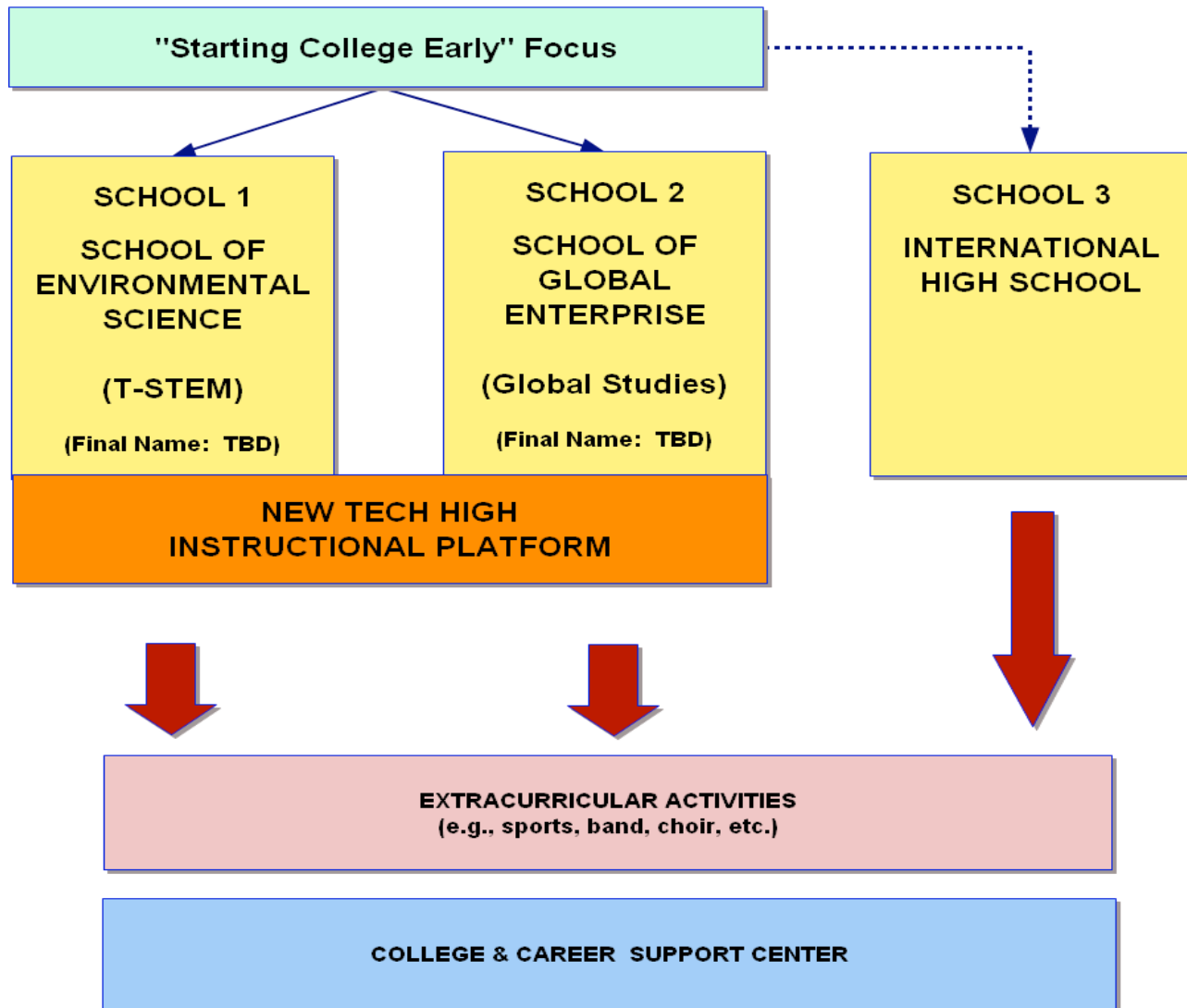
- Pros
  - 21<sup>st</sup> Century skills
  - College enrollment expected
  - Strong external partnerships
  - Strong technical assistance
- Cons
  - STEM does not have instructional platform and structure (multiple assessments, student “briefcase”, technology library, best practice, etc)

# **Recommendation: Two New Tech Highs STEM (1<sup>st</sup>) and Global Studies (2<sup>nd</sup>)**

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- Combine models to leverage strengths and student interest
- Structure each with unique thematic focus
- Use New Tech as the instructional platform for both schools
- Provide Project Based Learning for all students
- Embed 21<sup>st</sup> Century skills for all students
- Ensure technology equity
- Meet needs of students
- Attract new students
- Add Early College later if appropriate

# Eastside Memorial Schools At the Johnston Campus



# First New Tech School: School of Environmental Studies (Name TBD)

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- Theme: T-STEM
- Courses of study
  - Renewable Energy, environmental sustainability, architecture, engineering
- Potential Partners (examples):
  - Austin Energy/City of Austin
  - UT Schools of Engineering and Architecture
  - Environmental Defense
- Career Pathways
  - Renewable energy installation – auto mechanics – Engineering

# Second New Tech School: School of Global Enterprise (name TBD)

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- Theme: Global Studies
- Course of Studies
  - Latin American Studies, international business, language, government, arts
  - Build on assets of students such as language, home country, culture
- Potential Partners (example only):
  - UT Latin American Studies
  - Mexican Consul
  - International businesses

## Career Pathways (examples):

- Culinary – Business – Arts - Government

# Cost Estimates for Two New Tech Highs

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- Total Start-Up Cost (Year 1): \$1,312,800
  - *Cost Year 1 covered:* \$750,000
  - **Cost Year 1 NEW to budget:** \$562,800
- Operational Cost Years 2-4: \$1,031,800
- **TOTAL COSTS YEARS 1-4: \$2,344,600**

# Strengths of New Tech

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- Instructional Platform
  - Web based
  - Best practice lessons from schools across U.S.
  - Student Briefcase of work (mobile)
  - Multiple assessments

# Strengths of New Tech

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- Project Based Learning
  - Teachers teach in teams
  - Interdisciplinary classes
  - Students work in teams
  - Accountability is to peers and to teacher
- 21<sup>st</sup> Century Skills
  - Team work
  - Critical thinking
  - Work in teams
  - Presentations
  - Technology savvy

# Next Steps

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- Parent Meeting – October 1, 2008
- Board Action – October 13, 2008
- Pending Board Approval:
  - Grant Application for T-STEM: October 16, 2008
  - Contract with technical assistance provider – Oct 08
  - Complete Implementation Plan – November 2008
  - Hire Principals(s) – January 2009
  - Construction begins – January 2009
  - Identify new staff and administrators – February, 2009
  - Shadowing Professional Dev – April 2009
  - Curriculum development – Summer 2009
  - Prof Dev Conference – Summer 2009