

Superintendents Update



Excellence For All

Every student achieving, everyone accountable.

School Board Update
December 9, 2009

STEM Update

- STEM governance structure
- Proposed partnership with New Technology Network
- STEM at Cleveland model and core components
- DRAFT Budget and fundraising
- Outreach and engagement
- Next steps

STEM Governance Structure

- **Building Work Group**

- Comprised of Cleveland High School's principal and staff members
- Makes recommendations to the Design Team, prepares the class of 2013 for transition, engages with staff, families and community

- **Design Team**

- Comprised of Central Office program managers and directors
- Establishes and manages project deliverables and coordinates with other district projects

- **Steering Committee**

- Comprised of community leaders to provide insight, guidance and support for the project
- May partner on providing “real world” learning opportunities

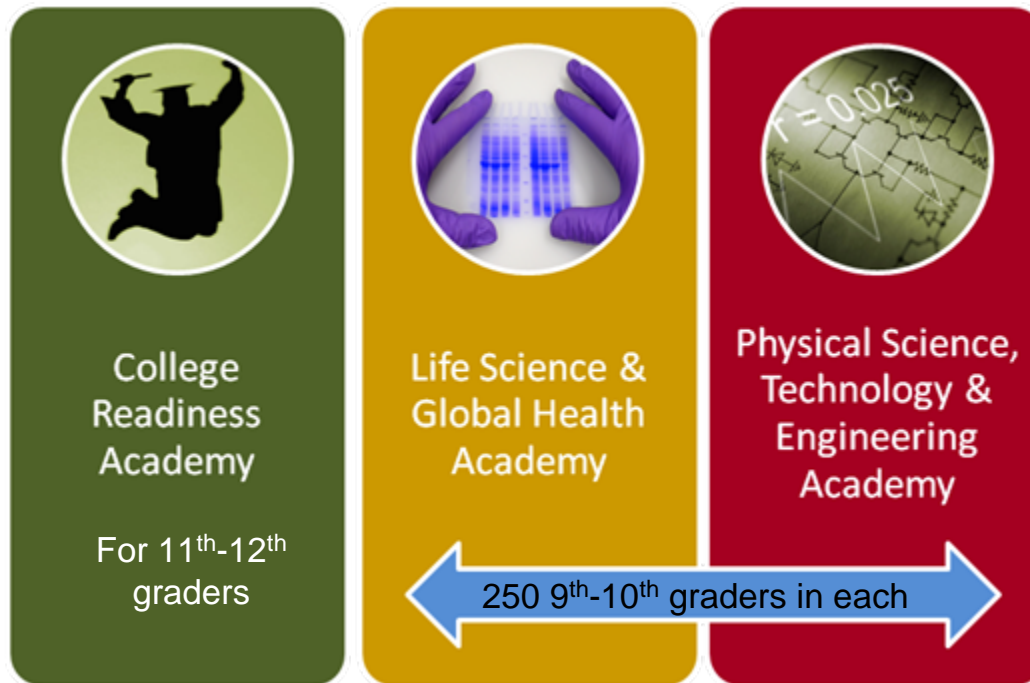
Partnering with New Technology Network

- New Technology Network (NTN) works nationwide with schools, districts, and communities to develop innovative high schools.
- Founded in Napa, California, in 1996, NTN is made up of **41 schools in nine states** serving more than 8,500 students
- Design team members **have visited three NTN schools** as well as High Tech High in San Diego and Aviation High School in Tacoma
- The Design Team **recommends that Cleveland High School join the New Technology Network**

Program Model

Cleveland will open two STEM academies in September 2010
Students in grades 11 and 12 will attend College Readiness Academy

STEM HIGH SCHOOL



Core Components

- **Math and Science all years**

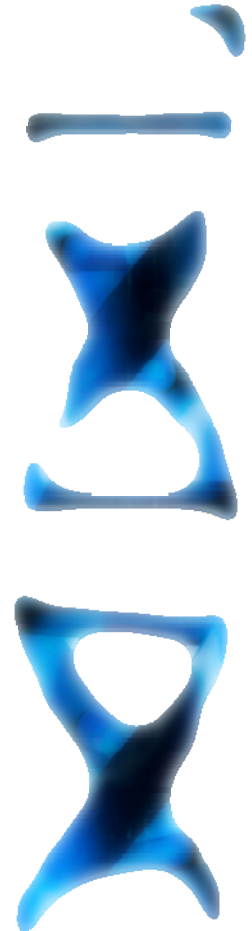
STEM students take four years of math and science
Cleveland will offer an array of AP science, mathematics and engineering courses

- **Courses for Every Student**

“Support” courses who need additional assistance, as well as “acceleration” courses for students ready to tackle more rigorous coursework

- **Longer School Day**

Giving students the opportunity to take rigorous math and science courses, as well as world languages, music, art and PE



Core Components, cont'd.

Real-world learning

- A project-based, high technology learning environment in which students apply their knowledge and skills in ways that have personal significance
- Local and regional partnerships with industry, higher education, and community-based organizations will provide an array of learning opportunities

Support for teaching and learning

- NTN to provide curriculum and instructional support
- Higher education community will be engaged

Access to technology

- 1:1 computer ratio
- Technology integrated into all courses



Draft Budget

STEM Costs	Start-Up	Year One	Years Two-Three	Three-Year Launch Totals	Ongoing Annual Costs
Staff Supports					
Planning time	\$56,000			\$56,000	
Training on model and approach	\$24,000	\$100,000	\$200,000	\$324,000	\$10,000
Content-specific Prof Dev	\$75,000	\$75,000	\$75,000	\$225,000	
On-site IT support		\$80,000	\$160,000	\$240,000	\$80,000
Student Supports					
Extended day	\$231,000	\$600,000	\$1,200,000	\$2,031,000	\$600,000
Summer Tech Academy	\$25,000	\$25,000	\$50,000	\$100,000	\$25,000
Building and Material Needs					
Technology upgrades	\$500,000	\$200,000	\$200,000	\$900,000	
Lab upgrade	\$100,000			\$100,000	
Software purchase	\$300,000			\$300,000	
TOTAL	\$1,311,000	\$1,080,000	\$1,885,000	\$4,276,000	\$715,000

Funding Plan

- District is working on a detailed funding plan
- Identified funding sources include existing professional development and technology resources and state LAP funding
- Potential funding sources include grants from the state (CTE), federal government (competitive innovation grants), and private funders (local and national)
- At this point about one-sixth of the start-up costs have identified funding
- District is assuming that outside funding will cover about 25-30% of first three-year costs, the rest will have to come from district funds

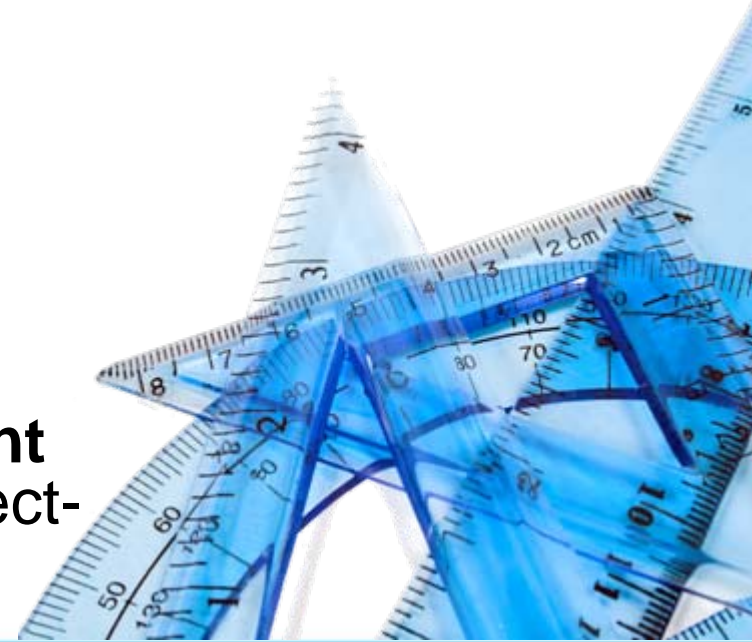
Outreach and Recruitment To-Date

- Hamilton PTSA presentation tonight – December 9th.
- Community meeting on December 5th with 80 attendees – neighbors, potential students, and family members
- Presentation to Seattle Council PTSA Board on December 2nd
- Presentation to Mercer 8th graders on Wednesday, December 2nd
- Community Partners Meeting (includes Upward Bound, Dream Project, U of W Bothell, Campana Quetzal, College Success Foundation, Achiever's Program and Full Service Communities Grant) November 19th & 20th
- Presentation to CHS Alumni Board on November 17th
- Presentation CHS PTSA on November 16th



STEM Next Steps

- **Ongoing community engagement** to share information, assess interest, form partnerships
- **School Board introduction and vote** on contract with New Technology Network
- **Planning and program design** to plan curriculum and coordinate academic, technological, logistical details
- **Teacher professional development** in technology, STEM subjects, project-based learning approaches



STEM Next Steps

- **STEM Open House** scheduled for January 23 at Cleveland
- **7th period support courses added** for current Cleveland students in spring 2010 semester
- **Outreach and student recruitment**
 - Current 8th and 9th graders can join STEM in fall 2010
- **Open Enrollment March 1-30, 2010**

More Information

- STEM Web site:
<http://www.seattleschools.org/area/stem/index/dxml>
- Hotline: (206) 252-0046
- Email: stem@seattleschools.org

NSAP Transition Plan Steps

- Sibling survey goes out today to
 - K-4 @ K-5 schools
 - K-7 @ Blaine and Broadview Thompson
 - PK-4 @ Graham Hill
 - All attending school outside their attendance area
- Translations were sent out today.

Transition Steps cont'd

- Transportation, sibling and other transition rules will be recommended at the Board workshop on December 16th, based on sibling data
- Transition rules are for one year and may continue or change based on actual student enrollment
- Design teams will discuss and make decisions about shared space, etc

Transition Steps cont'd

- Instructional Directors have been assigned to McDonald, Old Hay and Sand Point
- Community meetings to discuss the design team process have taken place this week with Sand Point and McDonald.
- Decisions regarding administrative supervision for Lincoln have not been determined.

Transition Plan cont'd

- Principal Transfer process
- Superintendent grants transfers, hires and moves principals
- Those timelines are being finalized and will be made public next week
- Principal Selection process will include community participation for remaining openings

Transition plan cont'd

- Program decisions are part of the budget process which includes the cost for implementing the NSAP
- Academic Assurances are part of the implementation plan for the NSAP for K,6 and 9 for 2010
- Special Education, ELL, (program placement), music, accelerated programs at all levels and STEM