



# Overview:

- Enrollment Projections
- Magnet Concept
- Magnet Grant Requirements
- Schedules:
  - Project Phasing
  - Communications



# District Enrollment:

- District Enrollment Parameters:
  - Includes calculated projection regarding future charter school enrollment.
  - 2007-2008: School 19 is K-5
  - 2007-2008 and 2008-2009: Arbor Hill, TOAST, ASH and Giffen remain PK-6.
  - 2009-2010: TOAST, Arbor Hill and ASH are PK-5; Giffen is potentially a PK-8 school.



# 2008-2009 Projected Enrollment:

<b>2008-2009</b>				
	<b>PLMA</b>	<b>WSHMS</b>	<b>SHMMS</b>	<b>NAA</b>
6th		106	107	50
7th		199	200	50
8th		208	208	50
Sped.		75	75	
<i>Total</i>	0	588	590	150



# 2009-2010 Projected Enrollment:

<b>2009-2010</b>					
	<b>PLMA</b>	<b>WSHMS</b>	<b>SHMMS</b>	<b>NAA</b>	<b>Giffen</b>
6th		191	191	50	50
7th		174	174	50	50
8th		174	175	50	50
Sped.		75	75		
<i>Total</i>	0	614	615	150	150



# Magnet Concept:

- Two Magnet Middle Schools
  - Humanities and Fine Arts
  - Research Science and Engineering
- AHS Magnet Academy at current PLMA Facility:
  - Nanoscale Science, Engineering and Environmental Science



# Middle School of Humanities and Fine Arts

- Enrollment Capacity: 650
- Grades: 6-8
- Natural Magnet Segue from Current District Magnet and Special Programs:
  - ASH, Montessori, Dual Language Program
- Potential Thematic Features:
  - Infusion of Humanities constructs across all content areas.
  - Strong connection of Math and Science to global enterprise and national/international perspectives.
  - Emerging Technologies in the Social Science and Humanities fields



# Middle School of Humanities and Fine Arts

- Potential Thematic Features con't:
  - Performing and Fine Arts features:
    - Drama/Dance
    - Fine Arts Specialties/Artists in Residence program
  - Emphasis on Relationships with Foreign Languages:
    - Spanish and French
    - Potentially Introduce Chinese
    - Transitional and Advanced Spanish



# Middle School of Humanities and Fine Arts

- Potential Thematic Activities:
  - Debate Forums
  - Poetry Slams
  - Community Media and Communications Events
  - Art Shows
  - Performing Arts Events
  - Service Learning and Community-Based Projects



# Middle School of Humanities and Fine Arts

- Potential Partnerships - Collaboration Opportunities:
  - Albany Institute of History and Art
  - CSR
  - Siena
  - UAlbany:
    - UAlbany Center for International Development
    - School of Education
    - School of Social Welfare
  - Capitol Repertory Theater
  - Park Playhouse



# Middle School of Research Science and Technology

- Enrollment: 650
- Grades: 6-8
- Potential Thematic Features:
  - Interrelationships with technology in content as well as teaching and learning
  - Emerging Technologies
  - Cross-curricular technical writing.
  - Sustain Full Arts Program.



# Middle School of Research Science and Technology

- Potential Thematic Activities
  - Environmental Responsibility
  - Scientific and Environmental Ethics
  - Community Based Action Research
  - Robotics
  - GEN Y Program
  - Nature Preserve, Arboretum
  - Neighborhood Environmental Issues



# Middle School of Research Science and Technology

- Potential Partnerships/Collaboration Opportunities:
  - UAlbany:
    - College of Nanoscale Science and Engineering
    - College of Arts and Sciences
  - Albany Medical Center
  - College of Pharmacy
  - RPI
  - GE
  - NY State Museum
  - Friends of the Pine Bush/Nature Conservancy



# Magnet Program Research and Development:

- Pre-AP Curriculum
- Data driven instructional practice
- Harvard University:
  - Planning for Understanding lesson design
- NUA Instructional Strategies
- Team Development and Planning Strategies
  - Interdisciplinary curricular design
  - Whole Faculty Study Groups



# Albany High School Academy Of Nanoscale Science, Engineering and Environmental Science

- Focus on Technical Skills and Research Skills needed for the 21<sup>st</sup> Century workforce.
- Interdisciplinary Learning, Co-teaching and Authentic Assessment
- Project Based Learning
- Full range of current advanced course offerings
- New thematic interdisciplinary coursework across all content areas
- Expand Project Lead the Way



# Albany High School Academy Of Nanoscale Science, Engineering and Environmental Science

- Examples of Potential Programmatic Electives:
  - Earth and Atmospheric Studies in the Nano-World
  - Nanobiology
  - Physics and Chemistry of Nanostructured Materials
  - Nanomedicine
  - Engineering Design and Development
  - Nanotubes and Fibers
  - Nanogeology
  - Nanoelectronics
  - Computer Integrated Manufacturing
  - Aerospace Engineering



# Albany High School Academy Of Nanoscale Science, Engineering and Environmental Science

- Professional Research and Development:
  - Data driven instructional practice
  - Harvard University:
    - Planning for Understanding lesson design
  - NUA Instructional Strategies
  - Team Development and Planning Strategies
    - Interdisciplinary curricular design
    - Project Based Learning
    - Whole Faculty Study Groups



# Magnet Grant Requirements:

- BOE Endorsement for March 15, 2007:
  - Magnet concept of two magnet middle schools and an AHS Magnet Academy.
  - Magnet program of Middle School Of Humanities and Fine Arts, Middle School of Research Science and Technology and High School Academy of Nanoscale Science, Engineering and Environmental Science.
  - PLMA not enrolled as a middle school
  - Proceed with the development of a magnet selection process that insures balance and opportunity for all secondary students district-wide.
- Prior to Grant submission at the end of May 2007:
  - Update 1990 voluntary desegregation resolution



# Draft Project Phasing Schedule:

- Now – June 30:
  - Building Level and Community Meetings
  - Middle Level Learner Profile Completed
  - Nano School Implementation Team Created
  - Magnet Committees Created
  - Magnet Throughlines Developed
- Summer 2007:
  - Building Level and Community Meetings
  - Development and Curriculum Planning
  - Building Leadership Team Summit
  - Enrollment Planning



# Draft Project Phasing Schedule:

- September – December 2007:
  - Building Level and Community Meetings
  - Development and Curriculum Sessions
  - Staffing Plan Determined
  - Finalized Building Scheduling Plan
  - Finalized Enrollment Plan
  - 2008 Calendar of Informational Sessions Completed and Distributed
  - Secondary Magnet Campaign Phase I



# Draft Project Phasing Schedule:

- January – June 2008:
  - Building Level and Community Meetings
  - Program Literature Distributed to All Families and Students
  - Development and Curriculum Sessions
  - Final Curriculum Completed
  - Final Staffing Plan
  - Secondary Magnet Campaign Phase II
- March 2008 – May 2008:
  - Building Level and Community Meetings
  - Secondary Magnet Enrollment Process
- June 2008:
  - Petition to Open new WSHMS



# Draft Project Phasing Schedule:

- Summer 2008:
  - Building Level and Community Meetings
  - Secondary Magnet Campaign Phase III
  - Staff meetings and Development
  - Facilities Readiness
  - Student, Family and Community Orientations
- September 2008:
  - New Magnet Middle School and Magnet HS Academy Program Open



# Communications Goals

1. To clearly communicate the objectives of the proposal.
2. To solicit information and feedback to the proposal.



# Audiences

- Principals
- Teachers
- Administrators
- Students
- Parents
- Residents of Albany
- Community Leaders
- Business Leaders
- Higher Education
- Government
- Media



# Schedule of Presentations

- Community Forum  
February 26, 5:30 p.m.
- Hackett Middle School  
March 5, 4:00 p.m.
- Philip Livingston Magnet Academy  
March 6, 3:00 p.m.
- Stephen & Harriet Myers Middle School  
March 8, 3:00 p.m.
- Albany High School  
March 19, 3:00 p.m.
- *More to be scheduled...*



# Questions:

- What if we do not get the Magnet grant?
- Will all students be eligible to attend either Magnet Middle School?
- What happens to the current PLMA Magnet Programs?
- How do we generate interest in the programs?
- How will the plan impact current staffing?



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