

# Woodward High School Reopening and Nontraditional Facilities Study Group

## Ideas for Further Presentation and Discussion

Meeting #3: April 5, 2017

### Ideas to Populate Woodward High School

#### Boundary-based Assignments

1. Conduct boundary study to reassign students to Woodward High School
  - Boundary study would occur approximately 18 months prior to the opening of Woodward High School
  - High schools that would be included in the boundary study would be identified at the time that the boundary study is initiated
2. Eliminate existing Downcounty Consortium and create boundary-based assignments with Woodward High School
  - Boundary study would occur approximately 18 months prior to the opening of Woodward High School
  - High schools that would be included in the boundary study would be identified at the time that the boundary study is initiated
3. Conduct countywide boundary study with all high schools including Woodward High School

#### Programmatic Ideas

4. Create a centralized magnet school that would allow students to attend Woodward High School from across the county
  - A special program would be developed to attract students to attend Woodward High School
  - Possible program ideas for the school are listed in the next section listed "Possible Program Opportunity Ideas for Woodward High School"
5. Application process or audition process (such as performing arts)
  - Students would need to apply or audition to attend the program developed for Woodward High School

#### Choice-based Attendance (Competitive) Ideas

6. Include Woodward High School in the existing Downcounty Consortium Choice Process
  - The Choice Process is a lottery school assignment process that considers students' choice ranking, base school, sibling link, school capacity, and socioeconomic status. Students are guaranteed their base school when ranked first on the initial Choice form, or if it is marked second and their first choice is not available. For all students not requesting their base school or the same school as their older sibling,\* school assignments are based on a combination of the aforementioned factors, and is not solely controlled by available space and the student's preferred choice. Every effort is made to assign students to their first choice, however, students may be assigned to subsequent choices.  
\* The older sibling must be attending the requested school the following school year.

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- Jefferson County Public Schools (JCPS), Kentucky. School Choice Plan. JCPS high schools are organized into three geographic networks, and students may apply to any school in the network that serves their address. At each 5-Star school, Professional Career Theme courses offer real world projects, college credit, professional certifications, mentoring, internships, and or apprenticeships. Students who do not choose a school are automatically assigned to the school that serves their address unless they apply to attend another school. For more information please see: <https://www.jefferson.kyschools.us/schools/choice>
7. Create a new consortium that includes Woodward High School utilizing the current choice process described above
- Geographic student choice student assignment plan study would occur approximately 18 months prior to opening of Woodward High School
  - High schools that would be included in the geographic student choice student plan study would be identified at the time that the study is initiated

### Lottery-based Assignments

8. Create school assignments based on general lottery
- Charlotte-Mecklenburg Public Schools  
School Options Lottery: Goal is to provide choice and promote equitable access to varied and viable programmatic options; maximize efficiency of school facility use, transportation, and other operational resources; reduce number of schools with high concentrations of poor and high-needs students; provide school assignment options to students assigned to schools not meeting standards; preserve and expand schools and programs that are successful. For additional information, please see:  
<http://www.cms.k12.nc.us/cmsdepartments/StudentPlacement/Pages/default.aspx>
9. Populate interest-based program at Woodward HS via weighted lottery
- New York City Public Schools  
Lottery Based on Priorities: Students select up to 12 schools from 400 schools based on priorities. Priorities include the following categories: continuing eighth graders; geographic; limited unscreened; and zoned. Lottery is based on several factors including: the priority that the student selects; eligibility such as residency; number of seats available; admissions methods such as an audition, screening, testing; and selection criteria including course grades, standardized test scores, attendance rates and punctuality. For additional information, please see:  
<http://schools.nyc.gov/ChoicesEnrollment/High/Resources/default.htm>

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### Program Ideas for Woodward High School or Other High Schools

#### 1. Fine Arts Program

- Miami-Dade County Public Schools—New World School of the Arts  
In their arts classes, New World sophomores, juniors, and seniors earn dual-enrollment college credits awarded by authority of Miami Dade College. The school day consists of five hours of academic classes and three hours of arts instruction. Admission to New World School of the Arts is determined by a performance audition or a portfolio review. For more information, please see:  
<http://nwsa.mdc.edu/index.php>

#### 2. Humanities Programs

- Montgomery County Public Schools—Communication Arts Program (CAP)  
Program provides students with the opportunity to strengthen their skills in the humanities and media fields. The CAP has drawn students from around the county to participate in its four-year interdisciplinary program. Offering unique courses in a wide variety of communication media taught by experienced instructors, the CAP involves students in a creative program which encourages them to become active not only in the Blair community, but the vast world beyond. For more information, please see: <http://cap.mbhs.edu/curriculum.html>
- New York City Public Schools—High School of American Studies  
School emphasizes the study of American history and offers students an academic program that is both well-rounded and challenging. The goal is to prepare students for admission to highly competitive colleges and for a wide range of careers in politics, law, journalism, business, science, mathematics, and the arts. All students engage in a three-year chronological study of American History. Supported by the Gilder-Lehrman Institute, students gain first-hand knowledge of the key events in American history through trips to sites and cities of historic importance and through participation in special seminars with guest speakers. A special component of the program focuses on the development of college-level research skills and methodologies. For more information, please see: <http://schools.nyc.gov/SchoolPortals/10/X696/default.htm>

#### 3. Science, Technology, Engineering, Mathematics Programs

- Montgomery County Public Schools—Magnet Program at Blair High School  
The program is designed to offer accelerated, interdisciplinary courses in science, mathematics, and computer science for highly able students particularly interested in these subjects. Since Magnet students have a number of extra academic requirements, magnet students have an eight-period day, instead of the normal seven-period day of most county high school students. For more information, please see: <https://mbhs.edu/departments/magnet/index.php>

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- Gwinnett County Public Schools, Georgia—Gwinnett School of Mathematics, Science and Technology (GSMST) Charter School  
Program offers students an opportunity to study in three broad areas of focus: bioscience, engineering, and emerging technologies. The school offers programs in engineering, robotics, and art and design. The building incorporates features found in universities such as large lecture halls with videoconferencing capabilities and flexible floor plans and common areas to foster community and collaboration. Technology plays a role in supporting the curriculum with a 1:1 laptop environment, online research laboratory, and additional technology such as language learning labs and high powered workstations for CAD and 3D design and animation programs. For more information please see: <http://www.gsmst.org/index.php>
  - Miami-Dade County Public Schools—TERRA Environmental Research Institute  
TERRA Environmental Research Institute is committed to becoming a nationally recognized leader in educating the awareness of global concerns and initiatives through three academies: Environmental Research and Field Studies, Biomedical Research, and Robotics and Engineering Technology. Students conduct environmental studies in scientific laboratories where they utilize tools such as: aquariums to model natural water systems, biotechnology instruments to manipulate plant genetic material, and computers to publish their findings. Students are afforded the opportunity to conduct research outdoors in the school's greenhouse, agricultural grounds and composting sites, as well as observing and researching local and regional ecosystems. For more information, see:  
[http://terrawolves.com/apps/pages/index.jsp?uREC\\_ID=240918&type=d](http://terrawolves.com/apps/pages/index.jsp?uREC_ID=240918&type=d)
4. Aerospace Engineering Program
- Clark County (Las Vegas) School District—Rancho High School Aviation Program  
Students can choose to study Aerospace or Aviation Maintenance Technician (AMT). In Aerospace, students study the laws of engineering with a focus on the physical sciences, communication, and emerging technologies. Students participate in a Computer Aided Design and Drafting (CADD) certification program while earning engineering college credit. In AMT, students learn general aeronautics, airframe structures, power plant theory, and their applications as they can work toward their FAA Part 65 AMT certification. For more information, please see:  
[http://www.ranchorams.org/apps/pages/index.jsp?uREC\\_ID=189752&type=d](http://www.ranchorams.org/apps/pages/index.jsp?uREC_ID=189752&type=d)

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### 5. Pre-Medical/health Sciences Programs

- Houston Independent School District—DeBakey High School for Health Professions DeBakey (HSHP)  
HSHP offers a rigorous and comprehensive pre-college program for students pursuing careers in medicine, health care, and/or the sciences. It offers to its students experiences in health-care and research facilities with the Texas Medical Center. Student selection is based upon interest in health sciences, previous academic performance, standardized test scores, conduct, and attendance. For more information, please see: <http://www.houstonisd.org/Page/13977>

### 6. International Baccalaureate (IB) Programme

- Montgomery County Public Schools—Richard Montgomery High School  
The IB Magnet at Richard Montgomery high school is a four-year IB experience, which includes the Middle Years Programme in grades 9 and 10, followed by the Diploma Programme in grades 11 and 12. Students in the IB Magnet at Richard Montgomery High School are IB Continuum students, receiving the full benefit of IB teaching and learning during their years at Richard Montgomery High School. Additionally, while not all students who attend Richard Montgomery are in the four year Magnet, all Richard Montgomery High School students are eligible to participate in the full Diploma Programme offered at the school. For more information please see: <http://www.montgomeryschoolsmd.org/schools/rmhs/ib/hexagon.aspx>

### 7. APEX Scholars Program

- Montgomery County Public Schools—Walter Johnson High School  
The APEX Scholars program is designed as a four year course of study through which a select group of students follows a comprehensive curriculum combining accelerated honors level and intensive advanced placement level course work. The program setting includes a combination of both heterogeneously and homogeneously grouped classes integrated within the whole school. After a ninth grade program designed to offer structured support and skill refinement, the course of study is specifically designed to allow individual choices for APEX Scholars, affording them the flexibility to pursue individual educational goals during their junior and senior years. For more information please see: <http://www.montgomeryschoolsmd.org/schools/wjhs/programs/>

### 8. Language Programs

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- Miami-Dade County Public Schools—International Studies Preparatory Academy (ISPA)

The school's mission is to prepare the students to meet the challenges of the 21st century through the development of their academic and social development, their linguistic capacity, cultural appreciation and international and global awareness. The students of ISPA will move forward ready to meet human demands of post-secondary education taking with them the power of two languages. Language proficiency exams are required for admission. For more information, please see:

<http://internationalstudiesprep.net/>

### 9. Program granting both high school and college credit

- Los Angeles Unified School District—Harbor Teacher Preparation Academy (HTPA)  
HTPA is a four year early college high school located on the campus of Harbor College. HTPA is a Western Association of Schools and Colleges a credited school where students can simultaneously earn a high school diploma and an Associated of Arts degree. HTPA is the first established Early College/Middle College High School in the Nation with the largest percentage of students earning both a high school and college diploma. Primary goals in the design of the program are to increase the graduation rate and college enrollment of at risk/highly capable students and to address the teacher shortage by fostering potential in students interested in becoming teachers. For more information please see:

[http://www.lausd.k12.ca.us/Harbor\\_Teacher\\_Prep\\_HS/](http://www.lausd.k12.ca.us/Harbor_Teacher_Prep_HS/)

### 10. School-wide Career-prep Program

- Charles County—North Point High School  
Comprehensive high school that offers sixteen programs of study in science, technology and industry including biotechnology, Cisco networking, cyber security, engineering, manufacturing engineering, automotive technology, graphic communication, welding technology, construction design management, drafting, electrical construction, cosmetology, criminal justice, culinary arts, education careers, and health professions. Students who reside in the county may apply to the school in eighth grade. A portion of the student population is zoned into the school and follow a traditional high school course of study. For more information please see:

<http://www.ccboe.com/beta/northpoint/index.php>

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### 11. Blended Learning Program

- Broward County Public Schools (Ft. Lauderdale)—Sheridan Technical High School  
Sheridan Technical High School is a magnet school where through a blended learning approach high school students are offered a four-year course of study delivering high rigor academic and technical instruction. Graduates are eligible to earn not only a high school diploma and acquire college credit leading to an Associate's degree, but also may acquire certification in one of over 25 technical fields. All courses are taught at Honors or Advanced Placement level. Delivered through a block schedule, traditional high school coursework is merged with the requirements for technical certification. For more information, see: <http://www.sheridantechnicalhighschool.com/>

### 12. All Girls Science Technology Engineering Arts Mathematics (STEAM) Program

- Houston Independent School District—Young Women's College Preparatory Academy  
Young Women's College Preparatory Academy is an initiative to grow young female leaders. The curriculum requires high standards of achievement. All core coursework is Pre-Advanced Placement or Advanced Placement. Students will develop academically, think critically, lead purposefully, and make healthy and responsible decisions. For more information, see: <http://www.houstonisd.org/domain/6686>

### 13. Not-yet-developed Programs

- Project-based program based on brain science (cognitive development research)
- Rethink traditional grades 9-12 program
- Three-year program

### 14. Traditional High School Program