

# **Woodward High School Reopening and Nontraditional Facilities Study Group**

## **HIGH SCHOOL PROGRAMS**

Office of Curriculum and  
Instructional Programs

March 22, 2017



# Overview

- 1) Application/Interest-based Programs
- 2) Consortia
- 3) Career and Technology Education (CTE) and STEM
- 4) Advanced Placement and International Baccalaureate (IB)
- 5) Signature Programs
- 6) Dual Enrollment and College Coursework
- 7) "Outside the Box"
- 8) Factors to Consider

# High School Application Programs

- Science, Math, and Computer Science
- Humanities
- Global Ecology
- International Baccalaureate (IB)
- Visual Art Center
- Thomas Edison High School of Technology

# High School Consortia

- **Northeast Consortium:**
  - Fine Arts and Communications; Public Service
  - Science and Media
  - IB; Information Technology; Justice/Law
- **Downcounty Consortium**
  - Communication Arts Program\*, Academies
  - IB, Visual Art Center\*
  - IB, JROTC, Leadership Training Institute\*
  - Middle College
  - Biomedical/Engineering\*, PLTW, Academies

\*Application Programs



# Career and Technology Education (CTE)

*34 Programs of Study in Career Clusters:*

- Arts, Media and Communications
- Business Management and Finance
- Construction and Development
- Consumer Services, Hospitality and Tourism
- Environment, Agriculture and Natural Resources
- Health and Biosciences
- Human Resource Services
- Information Technology
- Law, Government, Public Safety
- Manufacturing, Engineering and Technology
- Transportation Technologies

# Career and Technology Education (CTE)

**\* External CTE Review underway, report summer 2017**

- Thomas Edison High School
- Foundations: Automotive, Construction, Information Technology/Computer Science/Coding
- STEM-based programs (Project Lead the Way Engineering, Health Professions, Computer Science, Coding, etc.)
- Junior Reserve Officers' Training Corps (JROTC)
- More information:  
<http://www.montgomeryschoolsmd.org/career-readiness/>

# Advanced Placement and International Baccalaureate (IB)

- Advanced Placement (AP)
- AP Capstone
- IB Magnet
- IB Local School (Diploma, Career Program)

# Local School Signature Programs

- Creative and Performing Arts
- Advanced Placement Power Scholars Program (APPS)
- Career Academies
- International Studies
- APEX Scholars (*AP Experience*)
- Ulysses Program
- PEAC Scholars (*Pursuing Excellence in Academic Curricula*)



# Dual Enrollment and College Coursework

- Middle College
- College Institute
- University of Maryland System and Other University Partnerships
- Dual and Concurrent Enrollment
- Programs for Working Students

# Outside the Box

- Languages, Seal of Biliteracy, bilingual diplomas
- “High Tech” High Schools
- Computer Science “Immersion”
- Personalized, Online, and Blended Learning
- Reimagining high school
- Project-based Learning
- CTE and STEM
- Alternative Schedules
- Alternative Education
- Others?

# Other Factors

- Student Interest
- Resources and Staffing
- Facilities
- State and federal requirements
- Implementation vs. viability
- Vision of Principal, Leadership Team, School Community, Parents
- Staff dynamics
- Options for all students