

# Big Data Roundtable Competition

Arlington Public Schools

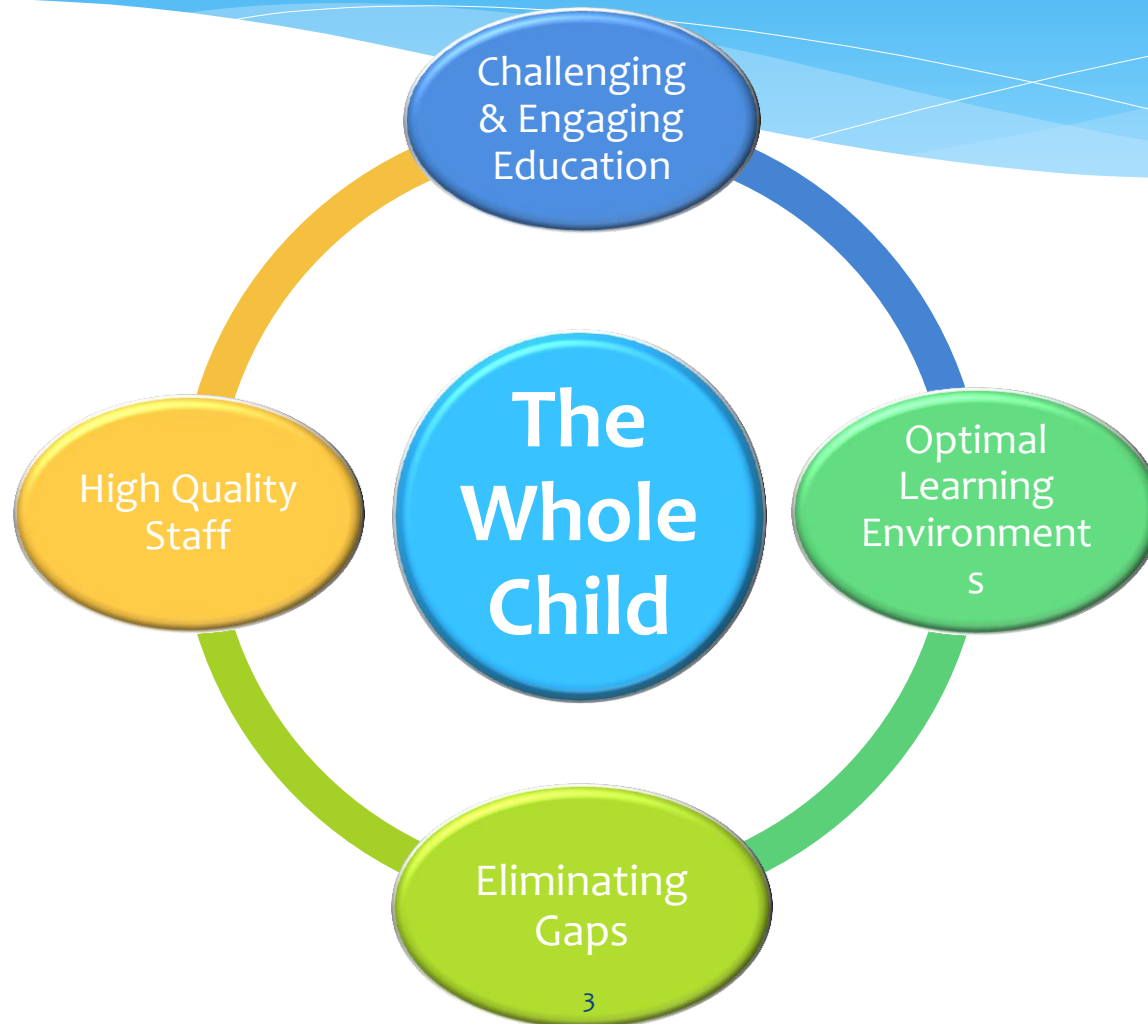


# Agenda

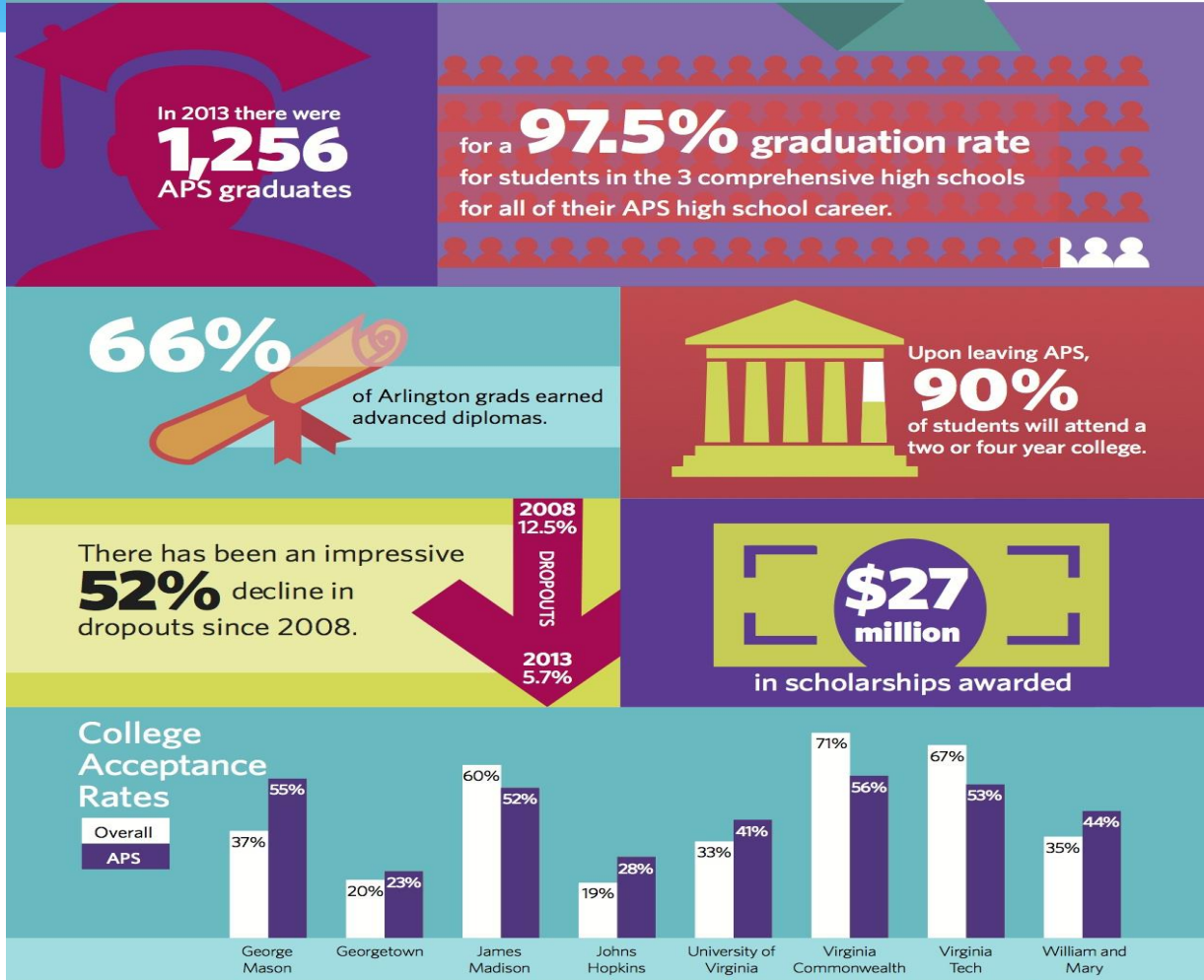
- \* APS Vision
  - \* Dr. Patrick Murphy, Superintendent, APS
- \* Opportunity – Employment & Education
  - \* Aneesh Chopra
- \* Competition
  - \* Raj Adusumilli & Gary Hensley
  - \* Support & Logistics
- \* Q & A

# APS Strategic Plan 2011-17

Dr. Patrick Murphy



# APS Class of 2013: Graduation Achievement



Note: Graduation rate of 91.3% for all APS High Schools and Secondary Programs (up from 82.5% in 2008)

# APS Focus

- \* **Challenge all Students**
  - \* Advanced Courses
  - \* CTE & Other Programs
- \* **Personalized Learning**
  - \* Improved Instruction
  - \* Matching Students to Programs
  - \* Results/Data: Advanced Diplomas
- \* **Career Focused Instruction**

**Why is APS doing this? “Early Identification”**

# More Opportunities

Education & Career Opportunities  
-Aneesh Chopra

# Competition Details

- \* Kaggle – Location & Details
  - \* <https://www.kaggle.com/c/arlington-school-big-data/>
  - \* Name: Predictors of Student Success
- \* Support
  - \* Who to contact about Competition?
    - \* Gary Hensley
      - \* Phone: (949) 202-8597 Email: ghensley@edbacker.com
  - \* Who to contact about Data and Access?
    - \* Raj Adusumilli
      - \* Phone (703) 228-6142 Email: rajesh.adusumilli@apsva.us

# What's after this?

- \* Adopt the intelligence into APS Data systems
  - \* Insight@APS (Data Warehouse)
  - \* Synergy@APS (Student Information System)
- \* Share the reports / intelligence
  - \* Executive Leadership Team
  - \* School Staff and Administration
- \* Adopt into Arlington Improvement Model
  - \* Continuous Improvement



# Q & A

Thank you!