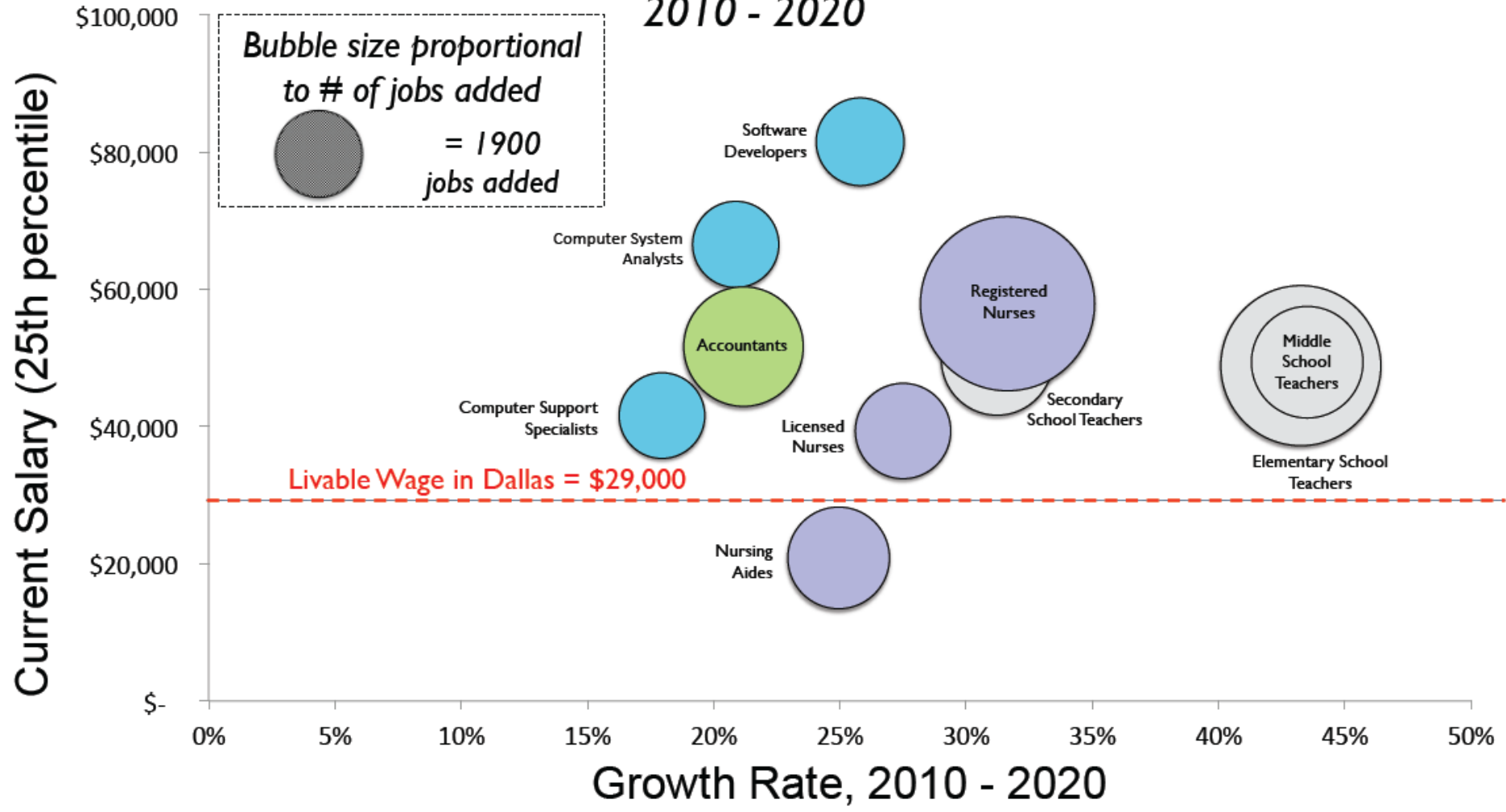


Career and Technical Education

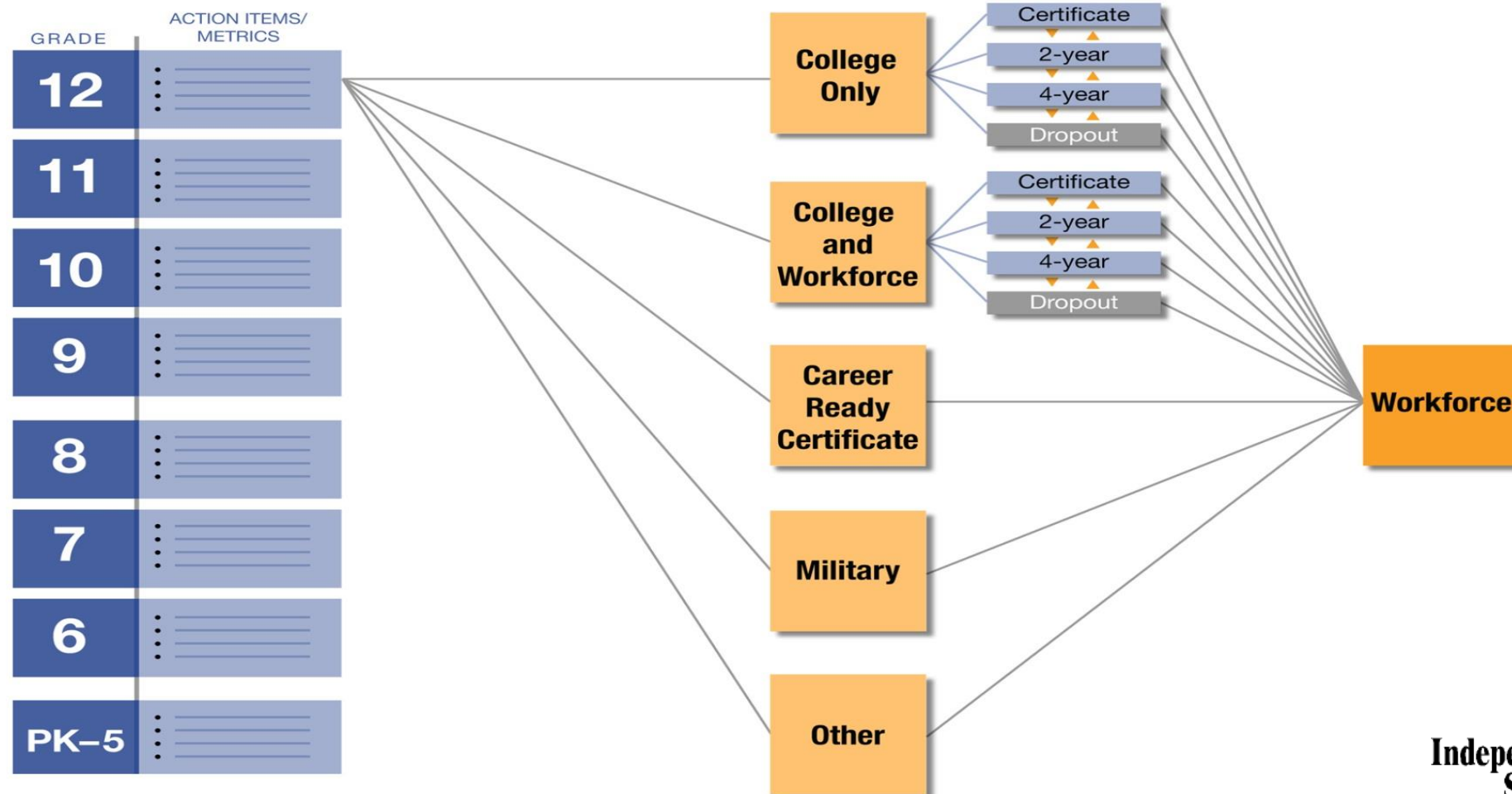


Projected Job Growth by Occupation 2010 - 2020



Source: BLS projections for Dallas Workforce Development Area
Source for livable wage: www.familybudgets.org

College To Career System



Five End of Course Exams for High School

- English I
- English II
- Algebra I
- Biology
- U.S. History

Three Graduation Plans

	NEW Distinguished Plan	Foundation Plan + Endorsements	Foundation Plan
Discipline	Credits	Credits	Credits
English	4	4	4
Math	4	4 (+ 1 STEM, Option C)	3
Science	4	4 (+ 1 STEM, Option D)	3
Social Studies	3	3	3
Language Other Than English	2	2	2
Fine Arts	1	1	1
Physical Education	1	1	1
Health (<i>Dallas ISD Local</i>)	.5	.5	.5
Electives	6.5	6.5	4.5
Total Credits for Graduation:	26	26	22

NEW Distinguished Graduation Plan

- *It's NOT like the old Distinguished Plan...it's more like the old Recommended Plan...and it offers the most future options*

NEW DISTINGUISHED GRADUATION PLAN: 26 CREDITS (Dallas ISD)

- 4 credits **English**: ELA I, ELA II, ELA III, one credit in an authorized advanced English course
- 4 credits **Mathematics**: Algebra I, Geometry, **Algebra II**, one credit in an authorized advanced mathematics course
- 4 credits **Science**: Biology, one credit in IPC or in an authorized advanced science course, two credits in an authorized advanced science course
- 3 credits **Social Studies**: U.S. History, Government, Economics, World Geography or World History

- 2 credits **LOTE** or Computer Programming
- 1 credit **Fine Arts**
- 1 credit **Physical Education**
- .5 credit **Health** (*Dallas ISD Local*)
- 6.5 credits in electives
(may include CTE or certification courses)

Eligible for automatic admission to a Texas four-year college or university under top 10% rule.

Eligible for Texas grant.

Credit requirements specific to at least one Endorsement must be earned.

This video briefly explains the five Endorsements:

<http://youtu.be/Nbdy42yq7JM>

WHAT ARE ENDORSEMENTS?

Five Endorsements

STEM (Algebra II, Chemistry and Physics required for ALL STEM Endorsements)	BUSINESS and INDUSTRY	PUBLIC SERVICES	ARTS and HUMANITIES	MULTIDISCIPLINARY STUDIES
Five Options to earn a STEM Endorsement: A) CTE Career Clusters B) Computer Science C) Mathematics D) Science E) Cross-Curricular	Database Management; Information Technology; Communications; Accounting; Finance; Marketing; Graphic Design; Architecture; Construction; Welding; Logistics; Automotive Technology; Agricultural Science; Heating, Ventilation, and Air Conditioning (HVAC); and Culinary Arts and Hospitality	Health Sciences and occupations; Education and Training; and Law Enforcement	Political Science; World Languages; Cultural Studies; English Literature; History; and Fine and Performing Arts	Students select courses from the curriculum of each of the other endorsement areas and earn credits in a variety of advanced courses from multiple content areas sufficient to complete the distinguished level of achievement

Ninth Graders MUST Choose an Endorsement

- Texas House Bill 5 mandates that all ninth grade students (beginning in the 2014-15 school year) select an Endorsement.
- Ultimately, it is the students' and parents/guardians' responsibility to decide on a graduation option that best meets a student's needs and maximizes opportunities after high school.
- Students must wait until they complete the 10th grade and have parent/guardian permission in writing to select the Foundation Plan, unless they meet other state-mandated criteria.
- Students and parents/guardians are responsible for enrolling in and monitoring the successful completion of courses required for graduation.

Sample Coherent Course Sequences: STEM

STEM Endorsement				
Program of Study	9th	10th	11th	12th
<p>CTE Career Cluster (Option A), such as Engineering (Project Lead The Way) <i>A coherent sequence of courses of four or more credits in CTE</i></p>	Introduction to Engineering Design	Principles of Engineering	Aerospace Engineering or Biotechnical Engineering or Digital Electronics or Computer Integrated Manufacturing or Civil Engineering and Architecture	Engineering Design and Development
<p>Science (Option D) <i>A total of five credits in science by successfully completing Biology, Chemistry, Physics, and two additional science courses</i></p>	Biology or Physics	Biology or Physics or Chemistry	Physics or Chemistry or Aquatic Sciences or Astronomy or Earth and Space Science or Environmental Systems or AP/IB Science or Advanced Animal Science or Advanced Plant and Soil Science or Anatomy and Physiology	Physics or Chemistry or Aquatic Sciences or Astronomy or Earth and Space Science or Environmental Systems or AP/IB Science or Advanced Animal Science or Advanced Plant and Soil Science or Anatomy and Physiology

Sample Coherent Course Sequences: Business and Industry

Business and Industry Endorsement				
Program of Study	9th	10th	11th	12th
Business Management <i>A coherent sequence of 3 or more courses for 4 or more credits in CTE that includes at least 2 courses in the same career cluster and at least 1 advanced CTE course (the third or higher course in a sequence)</i>	Principles of Business, Marketing and Finance	Business Information Management I or Accounting I	Business Information Management II or Accounting II	Banking and Financial Services (.5 credit) or Securities and Investments (.5 credit) or Career Prep (2 credits) or Career Prep (3 credits)

Sample Coherent Course Sequences: Public Services

Public Services Endorsement				
Program of Study	9th	10th	11th	12th
Junior Reserve Officer Training Corps (JROTC)	Four courses in JROTC			
Law Enforcement <i>A coherent sequence of 3 or more courses for 4 or more credits in CTE that includes at least 2 courses in the same career cluster and at least 1 advanced CTE course (the third or higher course in a sequence)</i>	Principles of Law, Public Safety, Corrections and Security	Forensic Science or Court Systems and Practices	Law Enforcement I	Law Enforcement II or Practicum, Law, Public Safety, Corrections and Security
Education and Training <i>A coherent sequence of 3 or more courses for 4 or more credits in CTE that includes at least 2 courses in the same career cluster and at least 1 advanced CTE course (the third or higher course in a sequence)</i>	Principles of Education and Training	Human Growth and Development	Instructional Practices in Education and Training	Practicum in Education and Training

Sample Coherent Course Sequences: Arts and Humanities

Arts and Humanities Endorsement				
Program of Study	9th	10th	11th	12th
Band	Symphonic Band	Wind Symphony	Wind Symphony	Wind Symphony
Visual Art <i>A coherent sequence of four fine arts credits</i>	Art I	Art II - Drawing or Art II - Painting or Art II - Ceramics or Art II - Sculpture or Art II - Photography or Art II - Electronic Media or Art II - Jewelry or Art II - Printmaking	Art III - Drawing or Art III - Painting or Art III - Ceramics or Art III - Sculpture or Art III - Photography or Art III - Electronic Media or Art III - Jewelry or Art III - Printmaking	AP 2D Design Studio Art or AP 3D Design Studio Art or AP Drawing Studio Art or AP Art History

Sample Coherent Course Sequences: Multidisciplinary Studies

Multidisciplinary Studies Endorsement (Minimum Requirements)				
Program of Study	9th	10th	11th	12th
College/Career-Oriented			Four Advanced courses either within one Endorsement area or among Endorsement areas	
Foundation Subject Areas	English I Algebra I Biology World History <i>OR</i> World Geography	English II Geometry Chemistry U.S. History	English III Algebra II Physics Government/Economics	English IV Advanced Math Advanced Science Advanced Social Studies
Four total credits in: Advanced Placement (AP) <i>OR Dual Credit OR</i> International Baccalaureate (IB) <i>(Woodrow Wilson HS 2014-15)</i>	AP or IB or DC English + AP or IB or DC Math + AP or IB or DC Science + AP or IB or DC Social Studies + AP or IB or DC Economics + AP or IB or DC LOTE + AP or IB or DC Fine Arts			

School Name	Endorsement					Program Focus
	STEM	Industry and Business	Public Services	Arts and Humanities	Multi-disciplinary Studies	
Adamson	✓	✓	✓	✓	✓	NAF Academy of Finance; Transportation Pathway; Marketing Pathway; Early Childhood Pathway; JROTC
Barack Obama Male Leadership Academy	✓	✓		✓	✓	Magnet (Male); Information Technology Pathway
Booker T. Washington HS for the Performing and Visual Arts	✓			✓	✓	Magnet Arts
Bryan Adams	✓	✓	✓	✓	✓	NAF Academy of Engineering 2014-15; Marketing Business Management Pathway; Law Enforcement Public Safety Pathway; JROTC
Carter	✓	✓	✓	✓	✓	Business Management Pathway; JROTC
Conrad	✓	✓	✓	✓	✓	NAF Academy of Engineering; NAF Academy of Finance; NAF Academy of Information Technology 2014-15; NAF Academy of Hospitality and Tourism; NAF Academy of Health Sciences 2015-16; Culinary Arts Pathway; JROTC
Trinidad "Trini" Garza Early College High School	✓			✓	✓	Early College High School at Mountain View College
Kathlyn Joy Gilliam Collegiate Academy	✓			✓	✓	Early College High School at Cedar Valley College
Hillcrest	✓		✓	✓	✓	NAF Academy of Engineering; JROTC
Irma Lerma Rangel Young Women's Leadership School	✓			✓	✓	Magnet (Female)
Jefferson	✓	✓	✓	✓	✓	NAF Academy of Engineering 2014-15; NAF Academy of Finance; NAF Academy of Hospitality and Tourism; Business Management Pathway; Culinary Arts Pathway; Fine Arts Pathway; JROTC
Judge Barefoot Sanders Magnet Center for Public Service	✓		✓	✓	✓	Magnet Law; JROTC
Kimball	✓	✓	✓	✓	✓	NAF Academy of Hospitality and Tourism (Distinguished); NAF Academy of Engineering; Business Management Pathway; JROTC; Satellite Magnet STEM
Dr. Wright L. Lassiter Jr. Early College High School	✓			✓	✓	Early College High School at El Centro College
Lincoln	✓	✓	✓	✓	✓	NAF Academy of Engineering; Audio/Video Pathway; Business Management Pathway; Culinary Arts Pathway; JROTC; Magnet Communications
Madison	✓	✓	✓	✓	✓	NAF Academy of Information Technology/Gaming 2014-15; JROTC
Molina	✓	✓	✓	✓	✓	Architecture and Construction Pathway; Graphic Design and Animation Pathway; Culinary Arts Pathway; JROTC; Fine Arts Pathway; JROTC
North Dallas	✓	✓	✓	✓	✓	NAF Academy of Finance; NAF Academy of Information Technology; NAF Academy of Engineering; JROTC
Pinkston	✓	✓	✓	✓	✓	Architecture and Construction Pathway; Automotive Technology Pathway; Law Public Safety Pathway; JROTC; Satellite Magnet Law
Roosevelt	✓		✓	✓	✓	NAF Academy of Health Sciences; JROTC; Satellite Magnet Health Services
Rosie M. Collins Sorrells School of Education and Social Services	✓		✓	✓	✓	Magnet Education; JROTC

School Name	Endorsement					Program Focus
	STEM	Industry and Business	Public Services	Arts and Humanities	Multi-disciplinary Studies	
Samuell Early College High School	✓				✓	Early College High School (School within a School model) with Eastfield College
Samuell	✓	✓	✓	✓	✓	Architecture and Construction Pathway; Multimedia Pathway; Information Technology Pathway; JROTC
School of Business and Management	✓	✓	✓	✓	✓	Magnet Business and Management; JROTC
School of Health Professions	✓		✓	✓	✓	Magnet Health Services; JROTC
School of Science and Engineering (SEM)	✓		✓	✓	✓	Magnet STEM; JROTC
School for the Talented and Gifted	✓		✓	✓	✓	Magnet STEM/Multidisciplinary; JROTC
Seagoville	✓	✓	✓	✓	✓	Agricultural Science Pathway; Information Technology Pathway; JROTC; Satellite Magnet Agricultural Science
Skyline	✓	✓	✓	✓	✓	NAF Academy of Hospitality and Tourism; Government and PA Pathway; Agricultural Science; Architecture and Construction Pathway; Audio/Video Pathway; Automotive Pathway; Automotive Technology Pathway; Aviation Pathway; Business Management Pathway; Collision Pathway; Communications Pathway; Cosmetology Pathway ; Culinary Arts Pathway ; Diesel Pathway; Early Childhood Pathway ; Education Pathway; Fashion Design Pathway; Fashion Marketing Pathway; Graphic Design Pathway; Government and PA Pathway; Photography Pathway; Printing Pathway; JROTC
Smith New Tech	✓	✓		✓	✓	Graphic Design Pathway
South Oak Cliff	✓	✓	✓	✓	✓	NAF Academy of Information Technology (Web Tech and Computer Technician); Education Pathway; Finance Pathway; Law Public Safety Pathway; JROTC
Spruce CTE Early College High School	✓	✓	✓		✓	Eastfield College CTE Early College High School 2015-16 (THECB/TWC/TEA YOP approved)
Spruce	✓	✓	✓	✓	✓	NAF Academy of Finance 2014-15; NAF Academy of Engineering 2014-15; Business Management/Administration Pathway; Collision Pathway; Information Technology Pathway; JROTC
Sunset	✓	✓	✓	✓	✓	Education Pathway; Fine Arts Pathway; Information Technology Pathway (Computer Technician); Law Public Safety Pathway; Marketing and Finance Pathway; JROTC
White	✓	✓		✓	✓	NAF Academy of Engineering; Business and Marketing Pathway; Fine Arts Pathway
Wilmer-Hutchins	✓	✓	✓	✓	✓	NAF Academy of Information Technology 2014-15; Architecture and Construction Pathway; Business Management Pathway; Culinary Arts Pathway; Transportation, Distribution and Logistics Pathway
Wilson	✓	✓	✓	✓	✓	NAF Academy of Engineering; NAF Academy of Finance; NAF Academy of Hospitality and Tourism; Performing Arts Pathway; JROTC

Next Steps



- Support FFTF on academic needs and programmatic vision throughout the Fall
- FFTF will help us get deep community input on long-term program and facility needs
- Long-term facility recommendations will be made by the FFTF