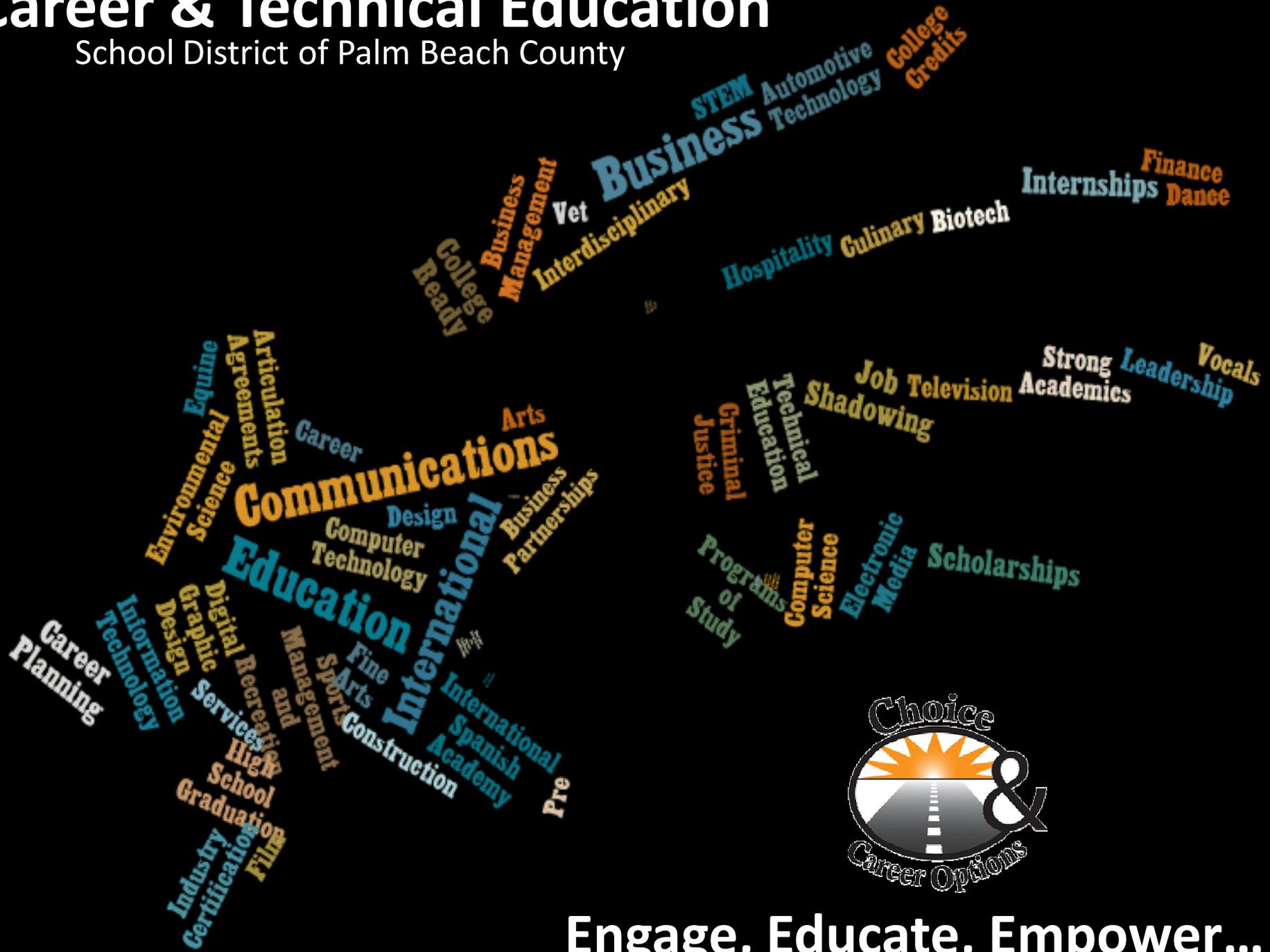


Career & Technical Education

School District of Palm Beach County



Engage, Educate, Empower...

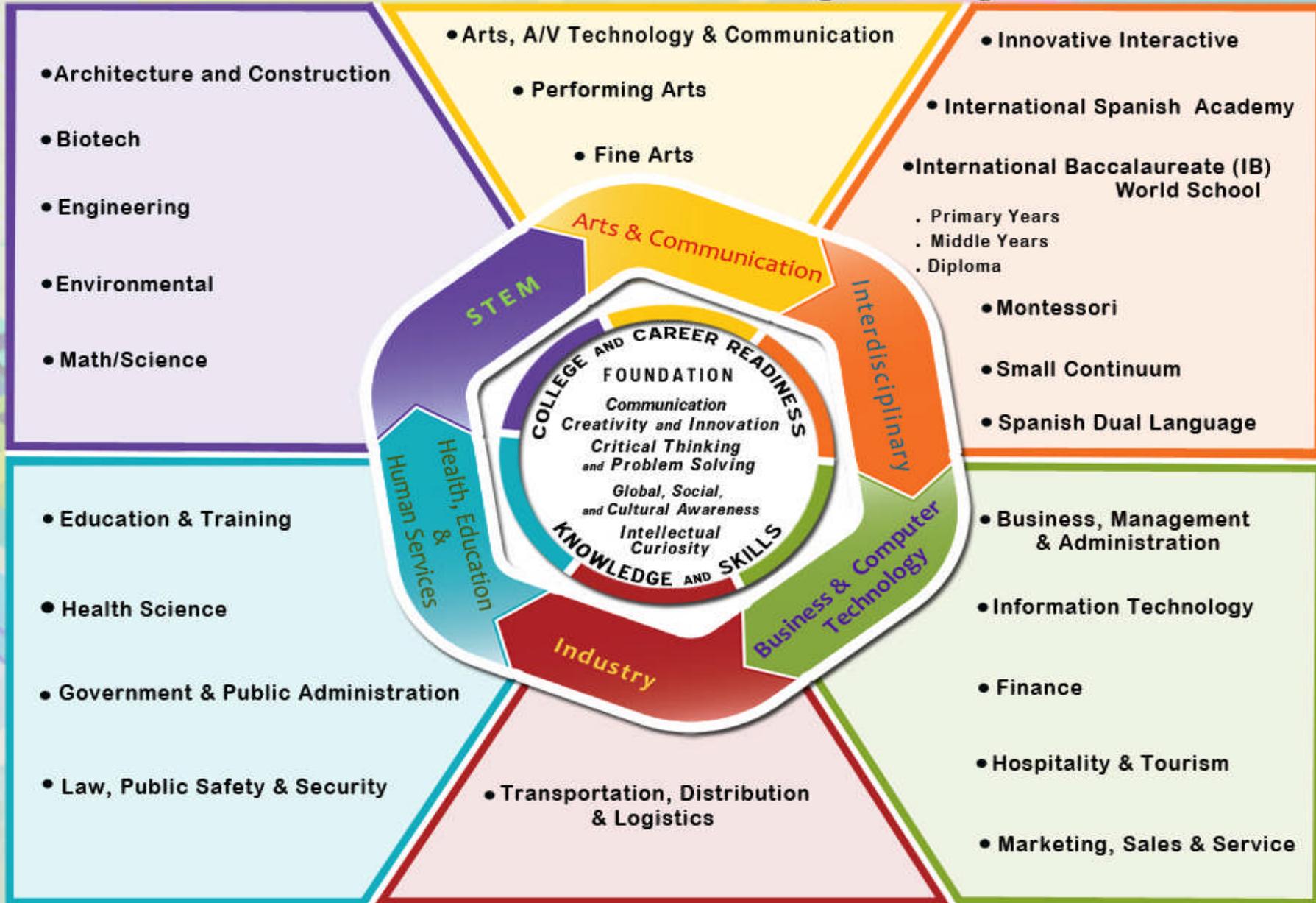


How Do We Serve Students!



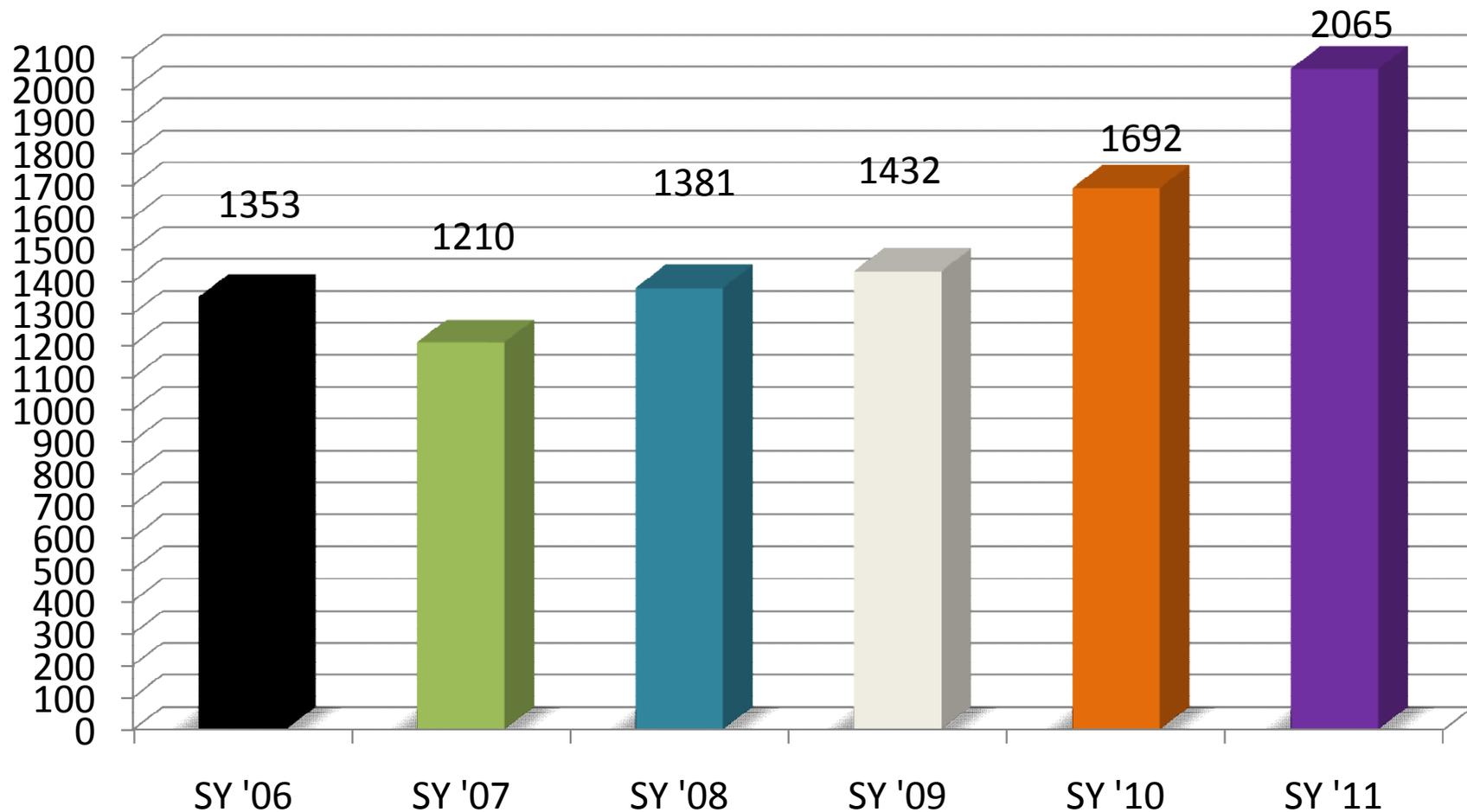
PALM BEACH COUNTY SCHOOL DISTRICT

Career Clusters, Pathways, Programs



CTE Program Completer Certificates SY '06 - '11

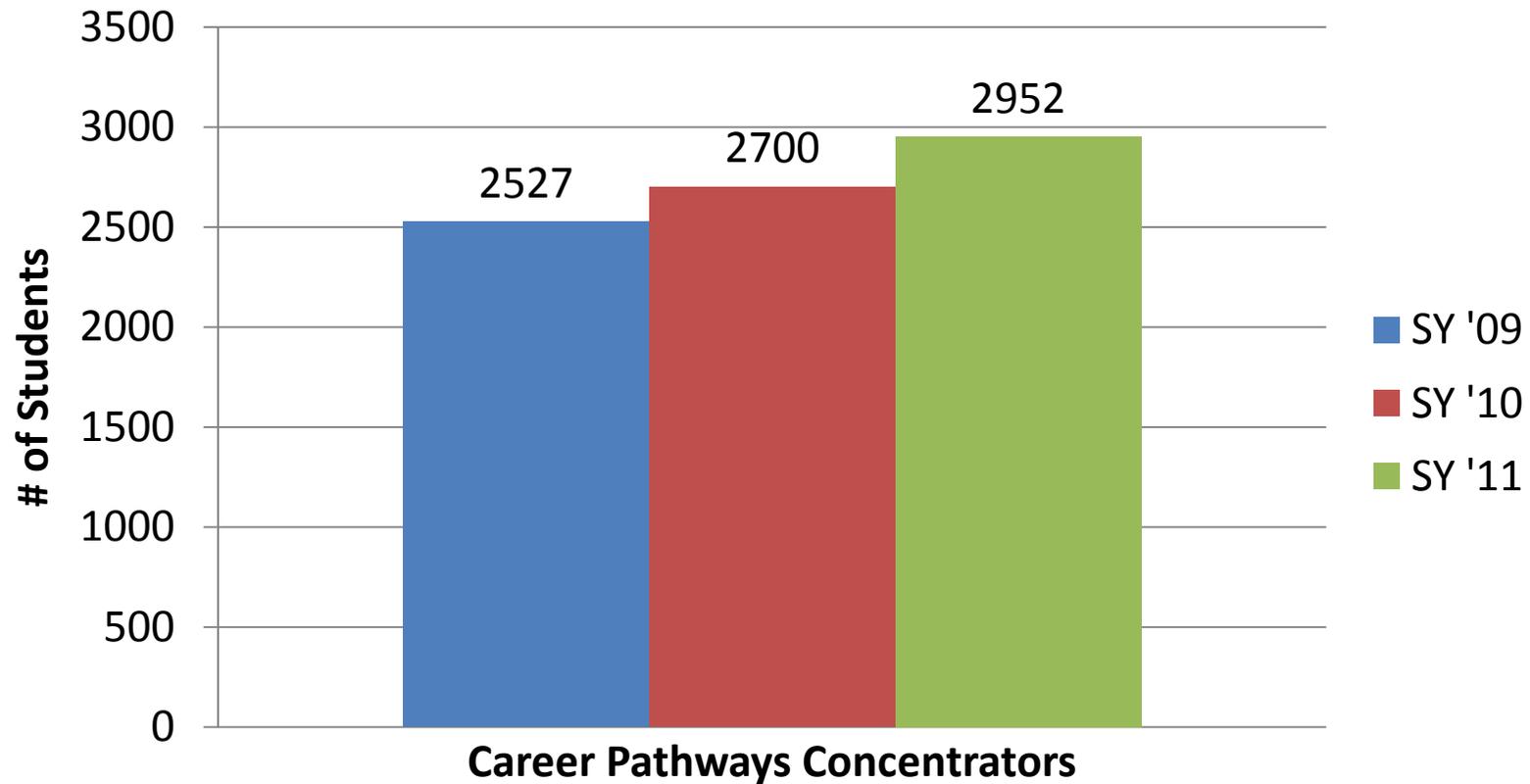
Seniors Completing a CTE Career Pathway Program of Study



Source - District Career Education List, Updated May, 2011

Career Pathways Participants

Students Earning 3+ Credits in a Single CTE Program



Source: 2008-2009 and 2009-2010 Community College Technical Center MIS Secondary Vocational Databases September 10, 2010

Industry Certifications

- >39 Available Industry Certifications in PBC
- >8,000 taken in SY '11
- Most Popular Certifications Taken
 - Adobe Certified Associate (Photoshop)
 - Microsoft MCAS Bundle Certification
 - Certified Medical Administrative Assistant
 - Adobe Certified Associate (Dreamweaver)
 - Autodesk Certified Associate – AutoCAD

Career & Professional Academies (CAPE)

Total of 99 Career and Professional Education Academies

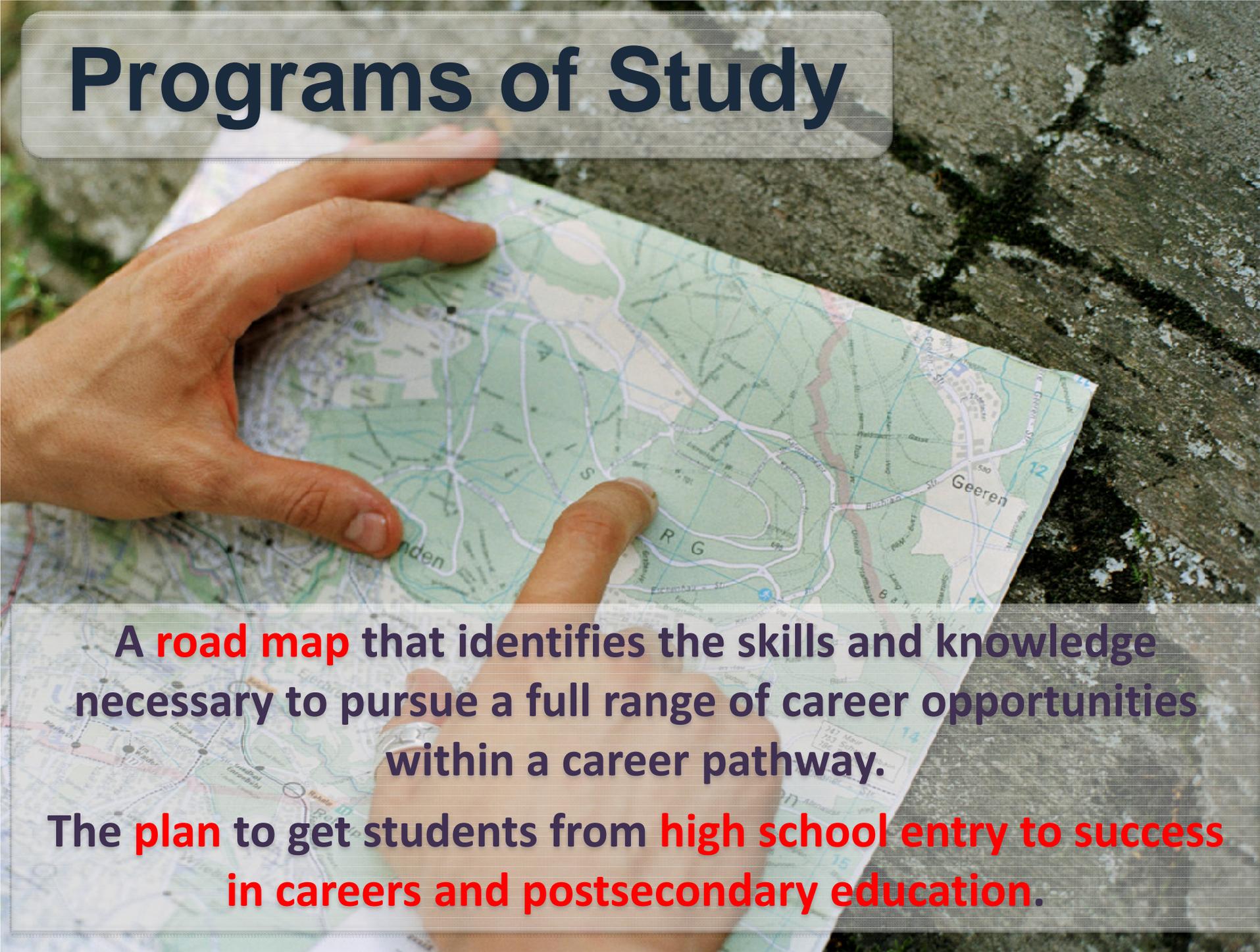
Career and Professional Academy	Career and Professional Academy
Academy of Engineering & Technology	Drafting and Design Academy
Academy of Finance	Early Child/Teacher Education Academy
Academy of Hospitality & Tourism	Fashion Design Academy
Academy of Information Technology	Health Science Academy
Academy of Sports Management and Recreation	HVAC Academy
Academy of TV and Film Production Technology	International Business Academy
Auto Collision Repair & Refinishing Academy	Marketing Academy
Automotive Service Technology Academy	Media, Film, and TV Academy
Biotechnology Academy	Medical Health Sciences
Boynton Aerospace and Science Academy (BASA)	Pre-Architecture Academy
Commercial Arts - Graphic Design Academy	Television and Film Production
Construction Academy	Veterinary Assisting Academy
Culinary Arts Academy	Web Design Academy

Cape: Florida Department of Education DOE information data base requirements Volume I: Automated Student Information System Automated Student Data Elements Appendix Y Career and Professional Academies Registered with FLDOE for the 2011-12 school year

Career Pathways...?



Programs of Study

A close-up photograph of a person's hands holding a road map. The map is spread out on a dark, textured surface, possibly a stone wall. The person's left hand is at the top left, and their right hand is at the bottom, with the index finger pointing to a specific location on the map. The map shows a network of roads, green areas representing parks or forests, and some buildings. The word 'Geeren' is visible on the map. The background is a blurred outdoor setting.

A **road map** that identifies the skills and knowledge necessary to pursue a full range of career opportunities within a career pathway.

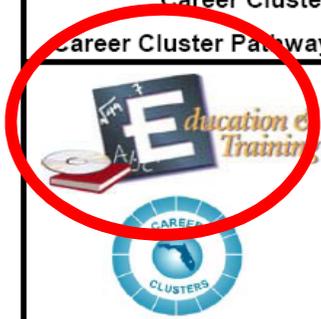
The **plan** to get students from **high school entry to success** in careers and postsecondary education.

Career Cluster: Education & Training

CTE Program: Early Childhood/Teacher Education

Career Cluster Pathway: Teaching and Training

Eligible Recipient:



16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (Aligned with State University System Admissions)	
				FINE ARTS (1 cdt) PHYSICAL EDUCATION (1 cdt)			Major Area of Interest:

PLEASE NOTE: Sample Program of Study below reflects minimum requirements and may not include all courses for a certificate of program completion. Speak to your school counselor or teacher for a complete list of certificate of completion requirements related to this program of study. Alternate core courses may be selected based upon student's academic performance. *Same Foreign Language.

HIGH SCHOOL	9	English I	Algebra I or Geometry	Integrated Science	FINE ARTS (1 cdt)	PHYSICAL EDUCATION (1 cdt)	Early Childhood 1 ^{ab}	Foreign Language I*
	10	English II	Geometry or Algebra II	Biology	World History	Early Childhood 2	Early Childhood 3 ^c	Foreign Language II*
	11	English III	Algebra II, Integrated Math, Calculus, or Trig/Analytical Geometry	Chemistry	American History	Early Childhood 4 ^d	School-Aged Child 1 ^a	Elective/Dual Enrollment/Internship
	12	English IV	Additional Math (including Dual Enrollment)	Additional Science appropriate for career plans	American Government/Economics	Internship/Dual Enrollment/School-Aged Child 2 ^a	Internship/Dual Enrollment/School-Aged Child 3 ^a	Internship/Dual Enrollment/School-Aged Child 4 ^{ab}
	Dual enrollment courses may be used to satisfy high school graduation and Bright Futures Gold Seal Vocational Scholars course requirements. Visit www.facts.org or speak with your school counselor to discuss dual enrollment and Bright Futures Scholarship requirements.							

Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.

POSTSECONDARY	PSAV/TECHNICAL CENTER PROGRAM(S)	COMMUNITY COLLEGE PROGRAM(S)	UNIVERSITY PROGRAM(S)
	Early Childhood Education Childcare Center Operations School Age Certification Training	Child Development Early Intervention (Community College Certificate) Early Childhood Education (A.S. Degree) Early Childhood Management (A.S. Degree)	Child Development (B.S. Degree) Early Childhood Education (B.S. Degree) School Counseling & Guidance (M.S. Degree)
CAREER	SAMPLE CAREER SPECIALTIES (TOL signifies occupation identified on the Agency for Workforce Innovation's Targeted Occupation Listing)		
	Preschool/Pre-Kindergarten Teacher Childcare Center Director School Age Care Coordinator	Preschool/Pre-kindergarten Teacher Childcare Center Director	Teacher - Elementary Education Adoption Services Specialist School Psychologist; Guidance

*Possible Industry Certifications (Students):

Secondary: Early Childhood Professional Certificate (ECPC)
 Postsecondary: Professional Teaching Certificate



Career Cluster: <u>Education & Training</u>			CTE Program: <u>Early Childhood/Teacher Education</u>		
Career Cluster Pathway: <u>Teaching and Training</u>			Eligible Recipient: _____		
ADDITIONAL INFORMATION	Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. Based on the Career Cluster of interest and identified career and technical education program, the following additional options are available.				
	DUAL ENROLLMENT COURSES TO CONSIDER		OCCUPATIONAL COMPLETION POINTS (OCPs)		CAREER PATHWAYS ARTICULATION AGREEMENTS
	ENC 1101	ENC 1102	ESC 1000	a) OCP A - Child Care Worker b) OCP B - Child Care Teacher Aide c) OCP C - Preschool Teacher d) OCP D - Child Care Dev. Spec.	
	ARH 1000	MUL 1010	MAC 1105	^Must complete all levels of Early Childhood Education ^a) OCP A - Child Care Worker ^b) OCP B - School-Aged Care Professional	
ECO 2013	PSY 2012	SPC 1016	PBCC		

Student Signature: _____ Date _____

Counselor Signature: _____ Date _____

For more assistance with planning your career, please visit the Florida Academic Counseling and Tracking for Students website at:

Benefits to Our Students!

- **Access to creative, innovative curriculum that meet varied student interests.**
- **Resources (technology, materials, supplies, etc.)**
- **Opportunity to take advantage of rigorous programs of study that prepare students for college and career readiness**
- **Opportunity for students to earn Scholarships (i.e. Vocational Gold Seal)**
- **Industry Certifications & Licensures**
- **College Credit Earning Opportunities:**
 - Articulation Agreements
 - Dual Enrollment
 - Advanced Placement
 - International Baccalaureate
 - AICE
- **Opportunity to engage in experiential learning**
 - Clinical Rotations through agreements with local medical institutions
 - On-site student operated restaurants
 - Early Childhood Education School-based Pre-Schools
 - Work-based learning (job shadowing, OJT, internships, etc.)
- **Knowledge and Skills for High Wage, High Skill Occupations**
- **Career Planning**

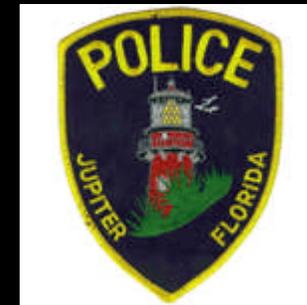


Soft Skills

"Our graduates have technical skills, more computer aptitude than ever before.

But without the soft skills to honor others and themselves they have little chance of successful long term careers."

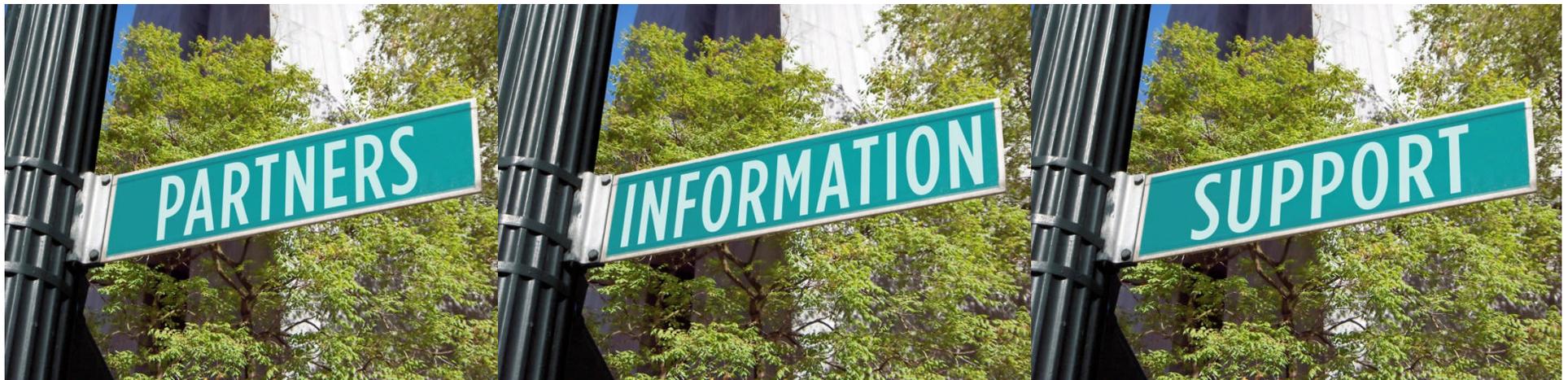
We Serve Students through....



BUSINESS PARTNERSHIPS

District Memberships

- National Academy Foundation
- Florida Association Career Technical Ed PLC
- National Career Academy Coalition
- Magnet Schools of America
- Project Lead The Way
 - Gateway to Technology





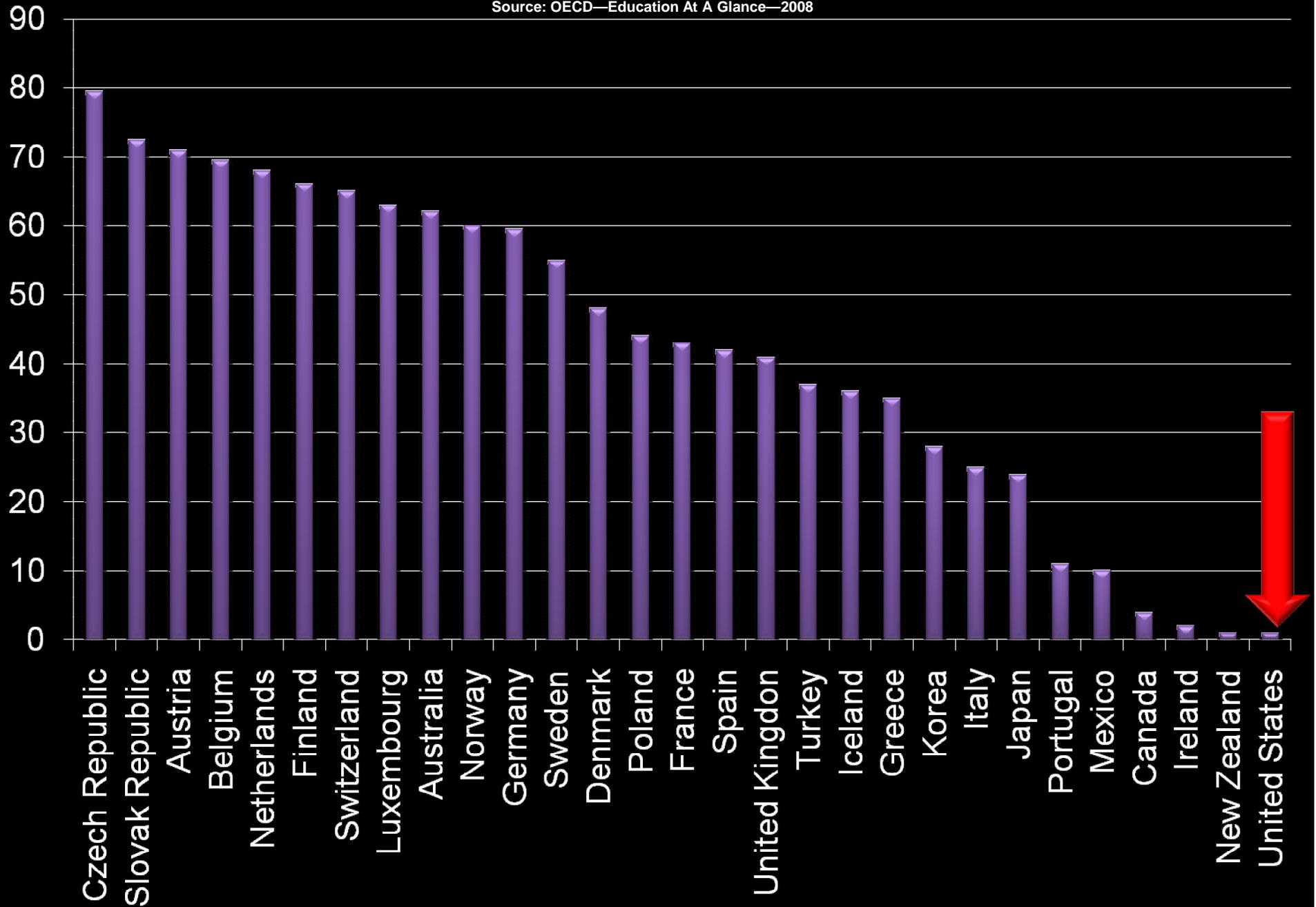
Pathways to Prosperity: Meeting the Challenge of Preparing Young Americans for the 21st Century

“The need to re-imagine and remake career and technical education is urgent. CTE has an enormous, but often overlooked impact on students, school systems, and our ability to prosper as a nation.”

*-- Arne Duncan
February 2, 2011*

Career & Technical Education As A Share of Secondary Ed.

Source: OECD—Education At A Glance—2008



Career-Ready

College-Ready



*“The basic premise is that the responsibility of K-12 educators is to prepare all students for both college and a career. This must be **“both/and”**, not **“either/or”**. Students need the same set of skills for both college and the workplace. Academic skills, critical thinking, problem-solving, an ability to synthesize information, communication skills, and the ability to work well on a team”*

*-- Arne Duncan
February 2, 2011*



**You'll be
flying in a jet
maintained
by Tommy!!!**



**Welcome,
Joey, Katie
and Todd
will be
performing
your
bypass
today!!!**