

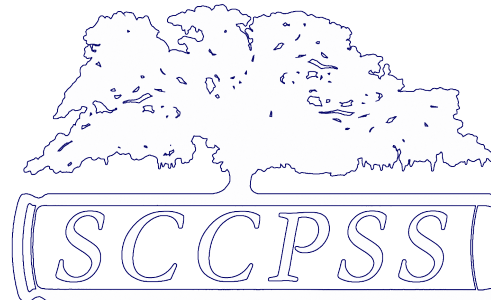
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Savannah-Chatham County Public School System

Derrick Muhammad
CTAE Director

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CTAE Supervisor

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CTAE Supervisor

Dr. Gayle Tremble
Youth Apprenticeship Coordinator



Agenda

Results of Planning

- ▶ Ingredients for Change
- ▶ State of CTAE
- ▶ Redesign Plan
- ▶ Woodville Tompkins
- ▶ Career Pathways
- ▶ Perkins
- ▶ Professional Development
- ▶ Raising the Bar
- ▶ Improvements
- ▶ Community Involvement
- ▶ CTAE Advisory Board
- ▶ K-12 Plan
- ▶ CTAE Promotion
- ▶ Recognition
- ▶ Marine Engine Technology
- ▶ CTSOs
- ▶ Work-Based Learning
- ▶ Challenges

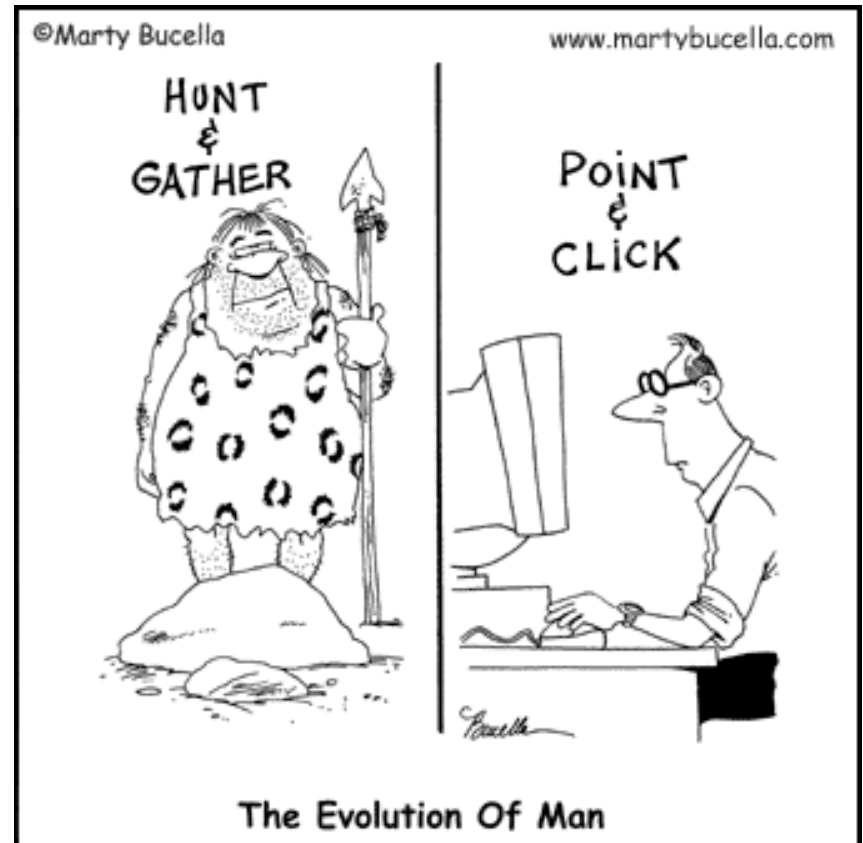
Ingredients for Successful CTAE Change

- Superintendent support
- Executive Directors support
- CTAE Director
- Teamwork
- Woodville Tompkins Technical Career Institute



2007 State of CTAE

- Change
- Fear of change
- Resistance to change
- Dumping Ground
- Articulation Agreements



Redesign Plan

- ▶ Empowered to make changes
- ▶ Blueprint for success
 - Promotions
 - Advisory Council buy-in
 - Survey community needs
 - Dual enrollment/articulation agreements
 - Increase Youth Apprenticeship opportunities
 - Restructure work-based learning program
 - Integration of academics
 - Implement standards-based instruction



- ▶ Shared Time Center
- ▶ 10th – 12th graders
- ▶ Campus Design

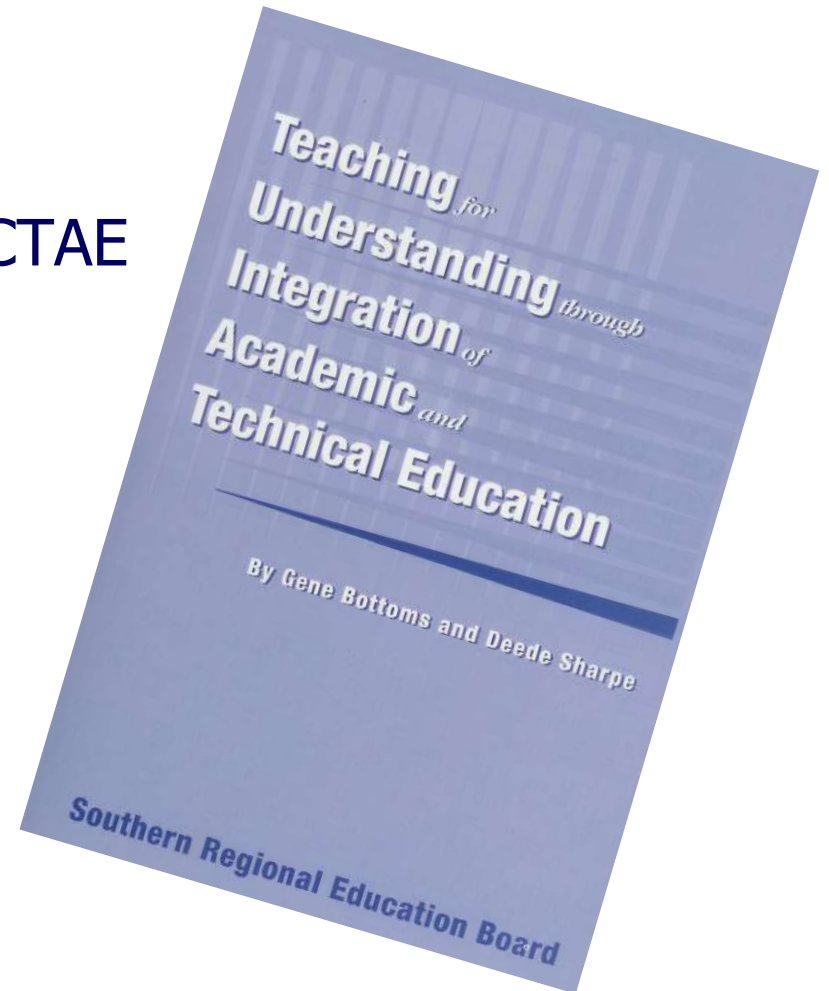


Career Pathways

- ▶ Automotive Services
- ▶ Aviation Flight Operations
- ▶ Business & Computer Science
- ▶ Collision Auto Repair
- ▶ Construction
- ▶ Computer Network Systems – CISCO Academy
- ▶ Cosmetology
- ▶ Culinary Arts
- ▶ Early Childhood Education
- ▶ Engineering & Technology
- ▶ Family & Consumer Science
- ▶ Financial Management Services
- ▶ Homeland Security – Fire Fighter
- ▶ Hospitality & Tourism
- ▶ Manufacturing, Engineering & Robotics
- ▶ Marketing, Sales & Services
- ▶ Nursing Essentials

Professional Development

- ▶ SREB: integrating math into CTAE
- ▶ FDRESA: standards-based instruction



Raising the Bar

- ▶ Teachers advising students
- ▶ Promote CTAE at schools
- ▶ Elementary Schools: Career Fair
- ▶ Seventh grade rotation through Woodville Tompkins
- ▶ Increase professional development of academic integration



Continuous Improvement

- ▶ Increase enrollment in CTAE courses
- ▶ Establish pathways at each high school
- ▶ Increase enrollment at Woodville Tompkins
- ▶ Increase Industry Certified programs
 - Automotive Technology Services
 - Nursing Essentials
 - Early Childhood Education
 - Business & Computer Science (4 high schools)
 - Engineering & Technology
- ▶ Increase parental awareness of CTAE

Improvement Continued

- ▶ Four new articulated courses
- ▶ Three dual enrolled classes
- ▶ Chamber of Commerce relationship



Community Involvement

- ▶ Fire Fighter Program
- ▶ District Career Fair
- ▶ Youth Apprenticeship Program
- ▶ Explorer Post/Learning for Life
- ▶ Junior Achievement – Groundhog Day
- ▶ Aviation Day – Gulfstream Aerospace Corp.
- ▶ Chamber of Commerce – Summer Jobs
- ▶ Gulfstream 9TH grade Student Leadership Program

Woodville Tompkins
151 Coach Joe Turner Drive
Savannah, GA 31408

We Want You

FIREFIGHTER I
Technical Certificate

 **Savannah**
Fire & Emergency Services

Community Involvement

- ▶ Habersham Dental
- ▶ H & R Block
- ▶ Gulfstream Aerospace
- ▶ Godley Station Animal Hospital
- ▶ Hunter AAF Commissary
- ▶ Lady Bamford Child Center
- ▶ IKEA Distribution Center
- ▶ Chatham Orthopedic
- ▶ Memorial Health
- ▶ Oakland Island Education Center
- ▶ Arizona Chemical
- ▶ Chatham County Aquatic Center
- ▶ Benedetto Guitars
- ▶ Oliver-Manor Attorney



CTAE Advisory Board

Savannah Fire Department
Learning for Life
Memorial Health

Wachovia/Wells Fargo Bank
General Motors
Doubletree Hotel

H & R Block
Gulfstream

Georgia Power
Mulberry Inn

Habitat for Humanity

RJ Griffin Construction

Savannah Technical College

Savannah Specialty Care

GEOVISTA Credit Union

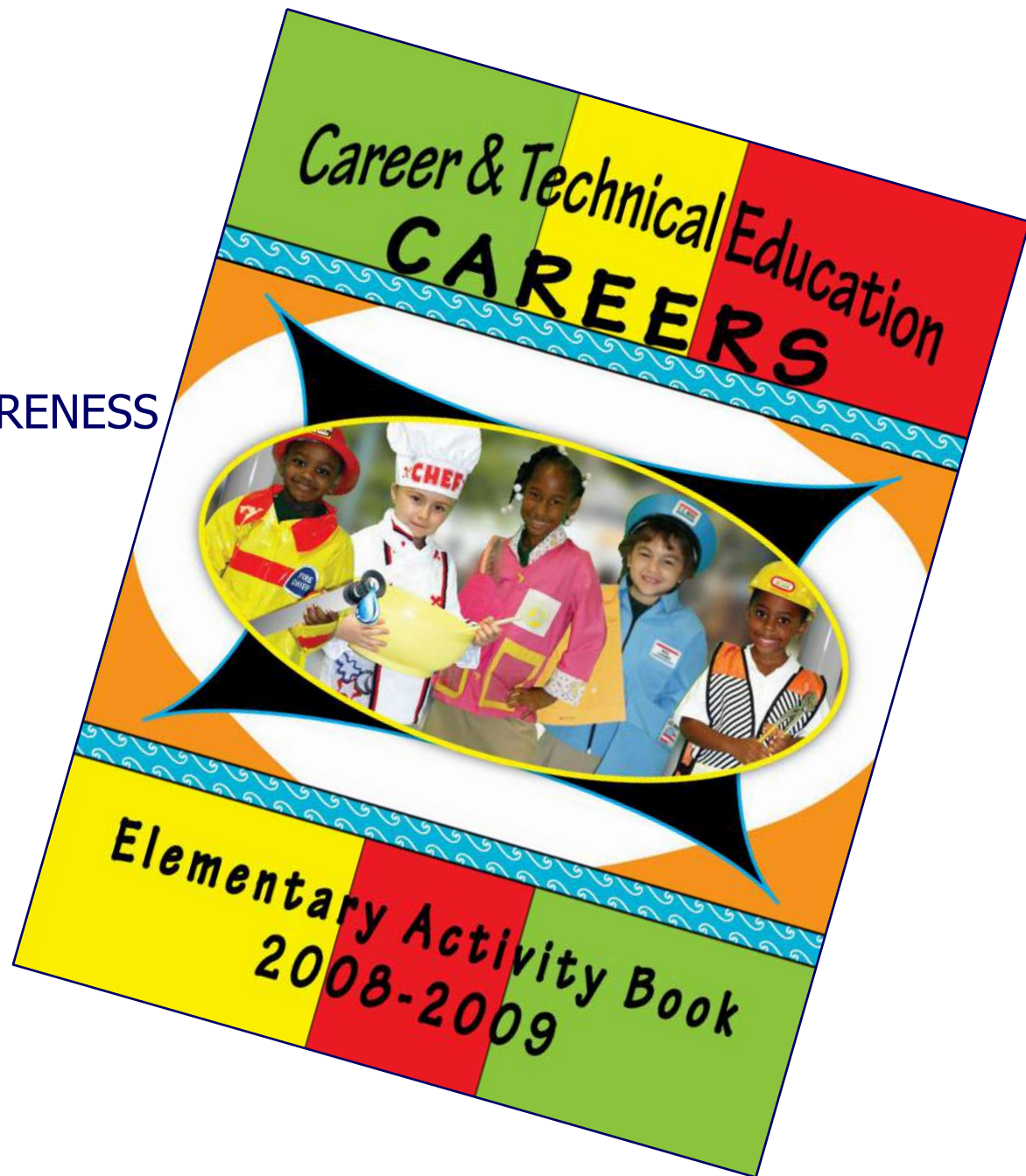
Embry Riddle

Snelling

Coastal Empire Flight Training

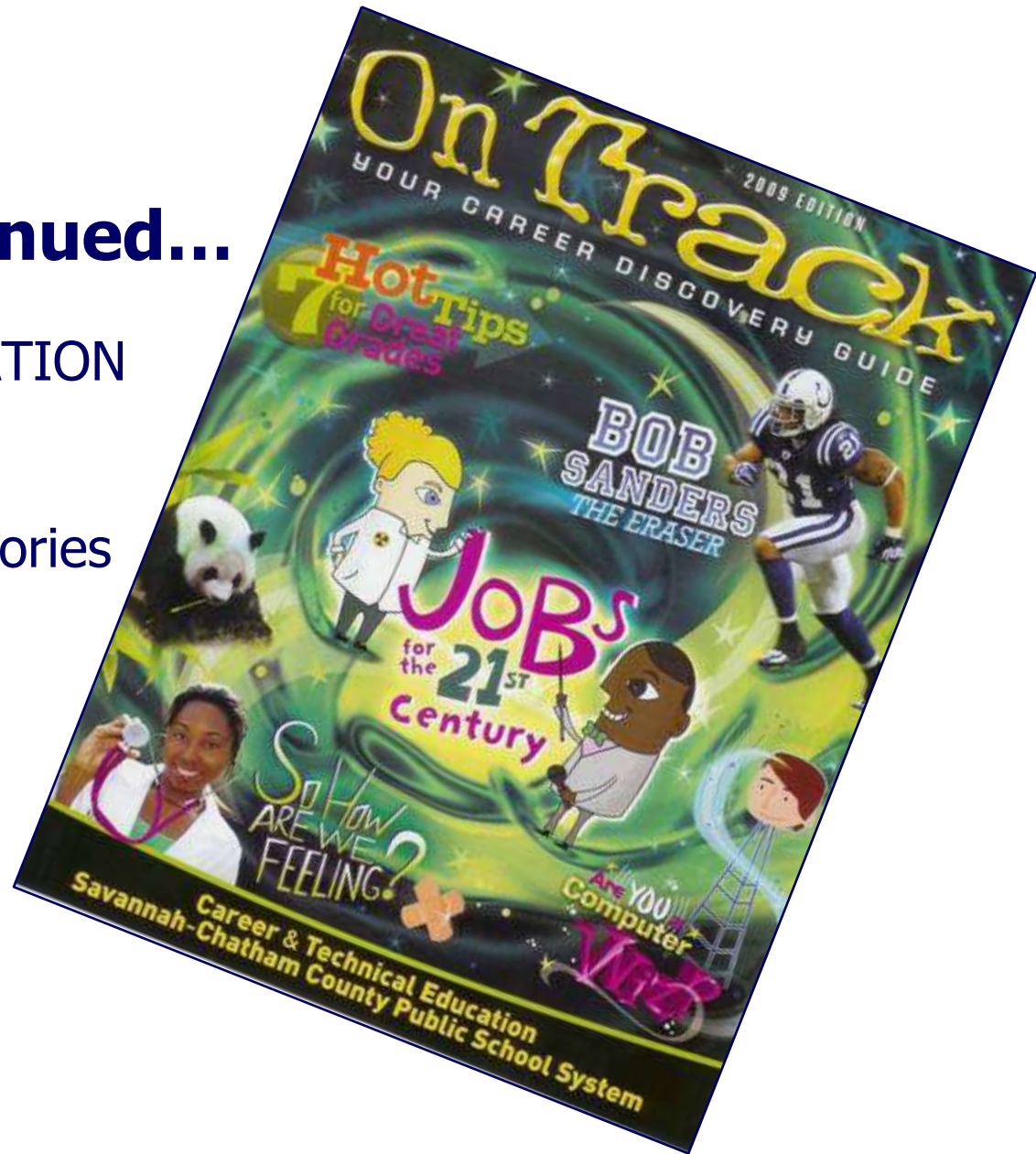
K-12 Plan

- ▶ Elementary school: AWARENESS
- ▶ Coloring books



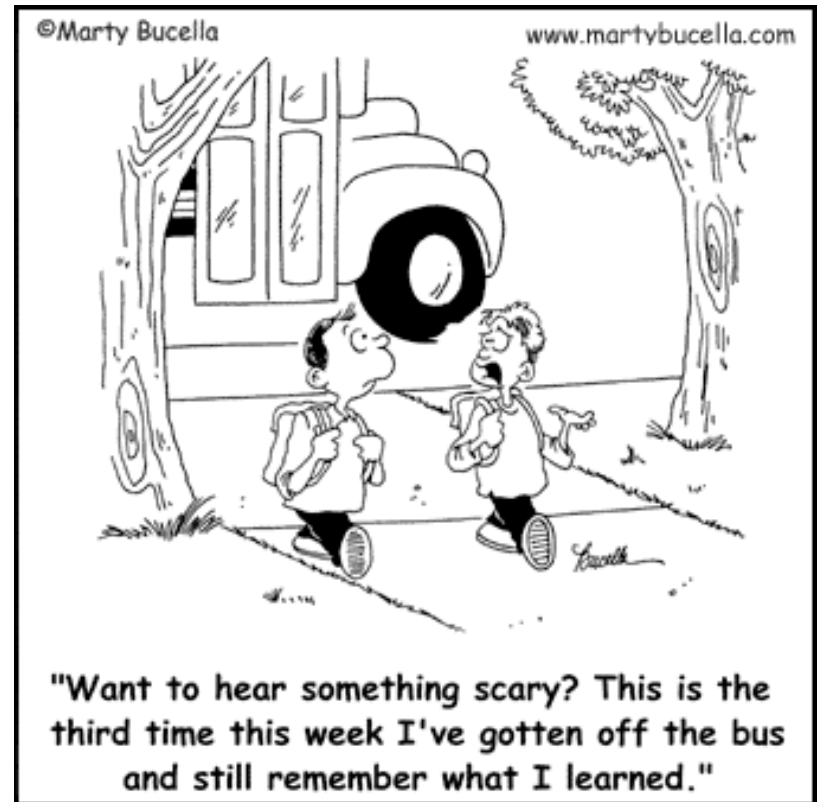
K-12 Plan continued...

- ▶ Middle School: EXPLORATION
- ▶ Explore different careers
- ▶ Complete interest inventories
- ▶ Career portfolios using Career Cruising
- ▶ “On Track” Magazine
www.venturepubs.com



K-12 Plan continued...

- ▶ High School: 9th grade Exploration Class:
Computer Applications
- ▶ Continue career exploration
- ▶ Rotation of career pathways at
Woodville Tompkins
- ▶ Selection of a career pathway during
pre-registration of ninth grade year
- ▶ Portfolio updated through Career Cruising



K-12 Plan continued...

- ▶ Educating high school faculty/staff
- ▶ National Conferences: NCPN, ACTE, HSTW
- ▶ Introduction of career pathways to every principal, guidance counselor and their scheduling team
- ▶ Career Cruising training



ACTEonline



CTAE Promotion

- ▶ Ninth grade rotation through Woodville
- ▶ Parent Night at Woodville Tompkins
- ▶ Open house at other high schools
- ▶ Savannah Job Fair
- ▶ Parent Notification System
(automatic-dial telephone message)
- ▶ CTAE monthly newsletter

There are **BIG** questions when it's time for your child to select high school courses.

To find those answers, take time to visit Woodville Tompkins Technical & Career Institute so you can see unmatched programs with state-of-the-art equipment that will make you say...

Woodville is the Answer!

Open House
Tuesday, March 3, 2009
6:30 to 8:00 p.m.
395-6750

Full Spaghetti Dinner
available 5:00 to 6:30 p.m.
\$7.99 adults • \$5.99 children



Woodville Tompkins
Technical & Career Institute
151 Coach Joe Turner Road
Savannah, GA 31458

Preparing High School Students for Real Life

CTAE Promotion continued...

- ▶ Direct Mail
- ▶ Billboard
- ▶ Radio Advertisement



Preparing High School Students for Real Life



912.965.6750
Google: Woodville Tompkins

CTAE Promotion continued...

Woodville Tompkins Career Pathways Booklet



EARLY CHILDHOOD EDUCATION

IS THIS CAREER PATHWAY FOR YOU?

- Would you like to make a positive difference in a child's life?
- Would you like to assist children in life-long learning?

If so, then Early Childhood Education is the career pathway for you. Helping keep young children healthy is an important role. You will learn early childhood care and education and development issues that include building the physical, cognitive, creative, social, emotional, and moral development of children. You will also study planning and guiding developmentally appropriate practices for working with young children including principles and theories of child development, the creation of a developmentally appropriate learning environment, and lesson planning.

Completion of this career pathway prepares you for post secondary education and a pursuit of a career as a teacher, child development center leader, assistant teacher, paraprofessional, school psychologist, licensing specialist, child advocate, child development center owner, nanny, or children services coordinator. This career pathway also prepares students for employment in early childhood education and services and or advanced study leading to postsecondary education and careers in related fields.



CAREER PATHWAY COURSES

- Introduction to Early Childhood Care and Education
- Human Growth & Development for Early Childhood
- Health, Safety & Nutrition for the Young Child
- Early Childhood Education Internship

SAMPLE CAREERS

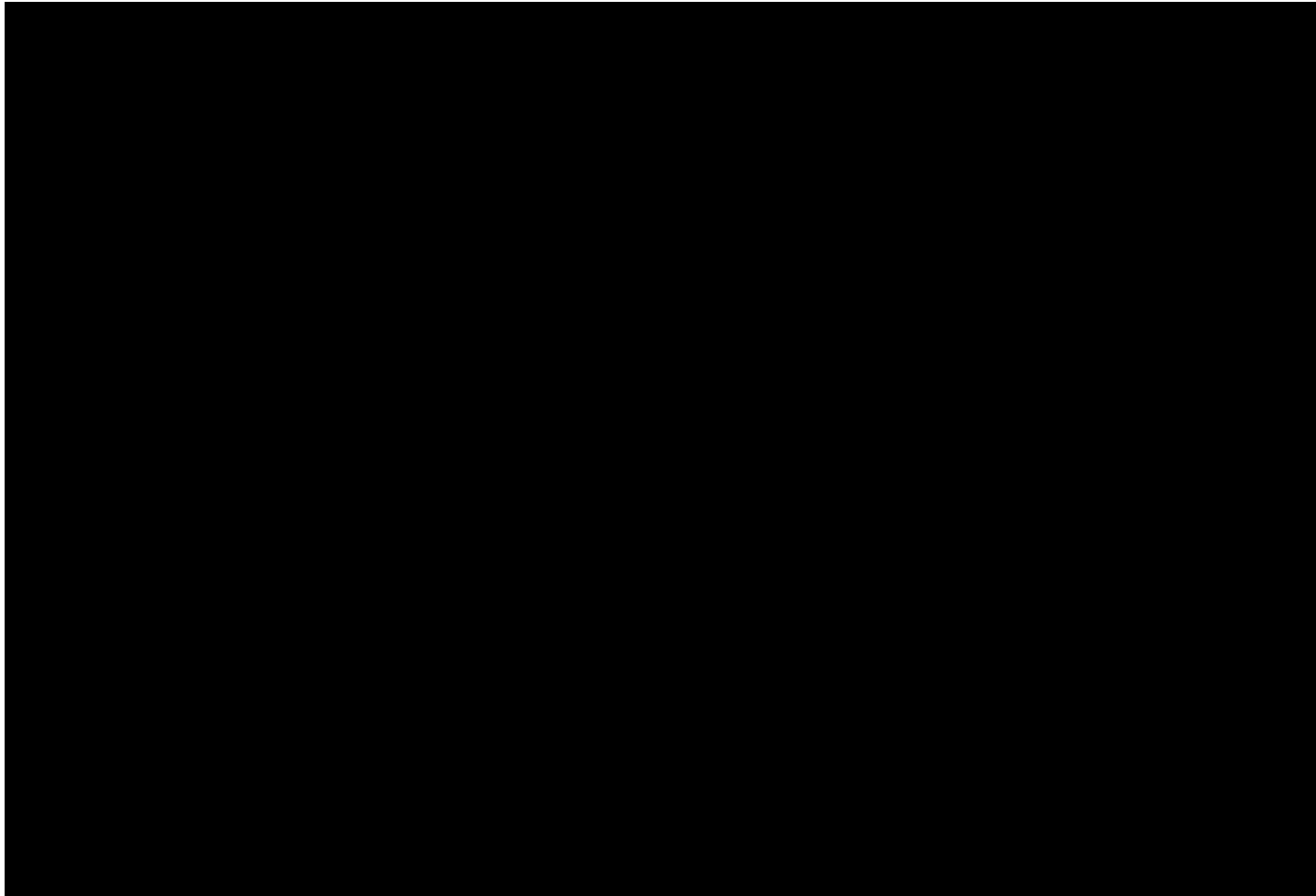
Career	Compensation
Childcare Center Manager	\$32,000/year
Preschool Teacher	\$19,000/year
Kindergarten through Third Grade Teacher	\$35,000/year
Teacher's Paraprofessional	\$20,000/year

CAREER TECH STUDENT ORGANIZATIONS
 Family, Career and Community Leaders of America (FCCLA) • www.fccla.org
 Georgia FCCLA • www.gafcccla.com

Preparing Students for Real Life • Page 14

CTAE Promotion continued...

Cable Documentary



Recognition

- ▶ Career Technical Education Teacher of the Year
- ▶ CTAE Rookie of the Year
- ▶ Outstanding CTSOs
- ▶ Outstanding JROTC Units
- ▶ Work-Based Learning
- ▶ Standards-Based Classrooms
- ▶ Outstanding CTAE Promotion



Marine Engine Technology

► Purpose

- Demand - Coastal Community

► Procedure

- Marine Program Visitation
- Standards Development Training
- Grant Application
- Team Selection

► Courses

- Foundations of Marine Engine Technology
- Marine Engine Electronics
- Marine Engine Drive Systems
- Marine Structures & Transportation Repair

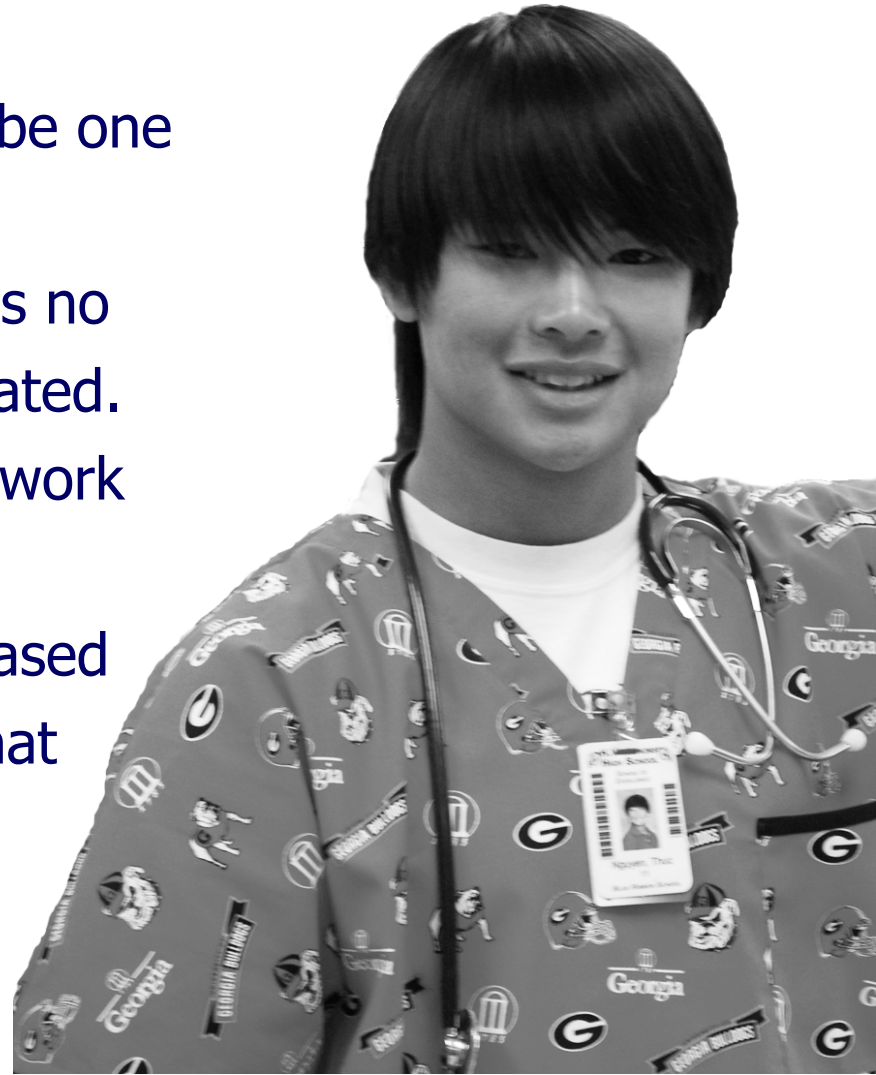
Career Technical Student Organizations

- ▶ Established at school
- ▶ Program of Work
- ▶ Monthly reports on CTAERN
- ▶ Principals support
- ▶ District funding for events



Purpose of Work-Based Learning

“Work experience as a teenager will be one of the common denominators of all successful people in the future. It is no longer good enough to be just educated. Young people entering the world of work must also be prepared, or they will struggle for years to come. Work-based learning is a primary ingredient in that preparation process.” Chad Foster

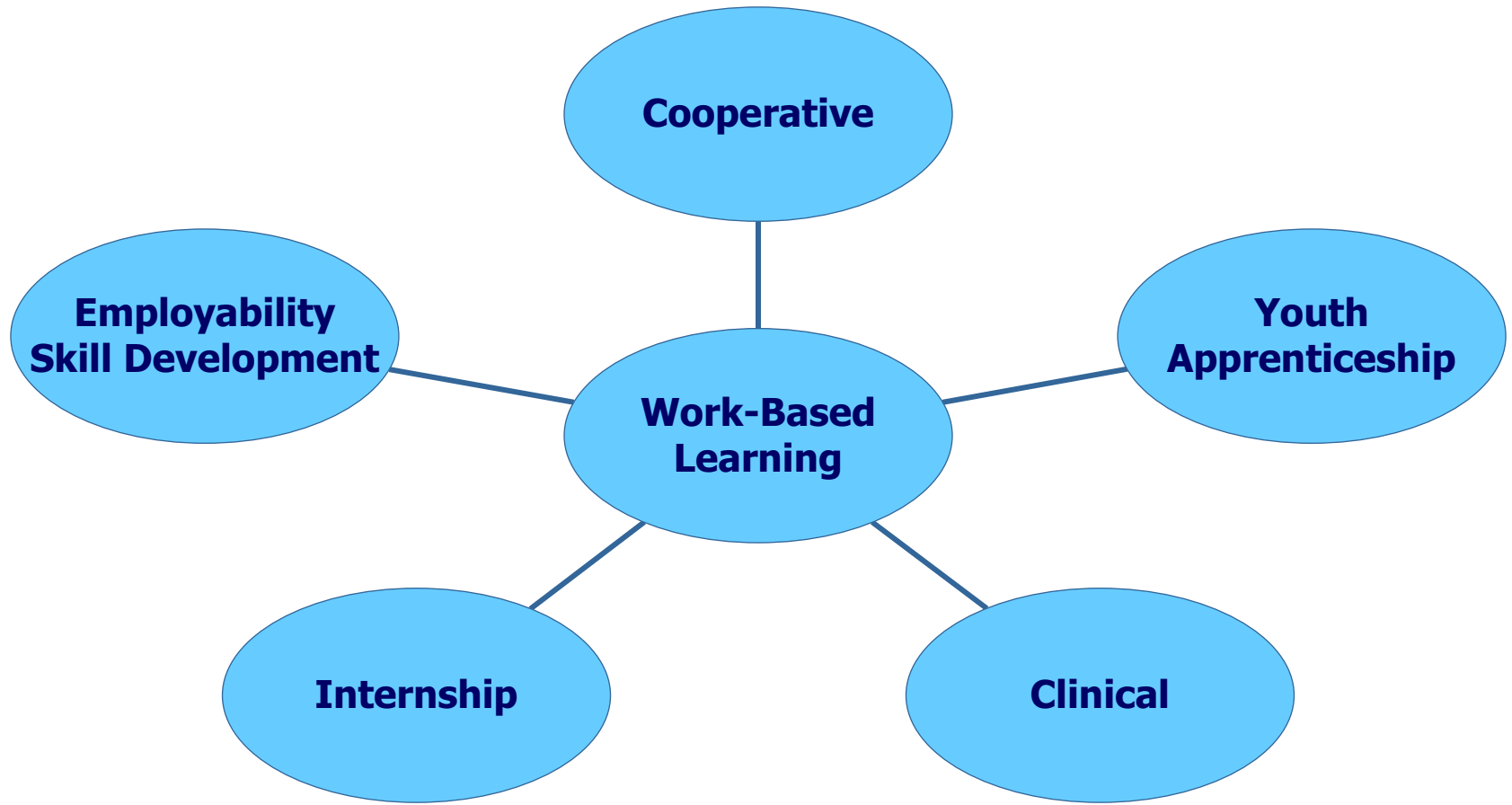


Work-Based Learning Program

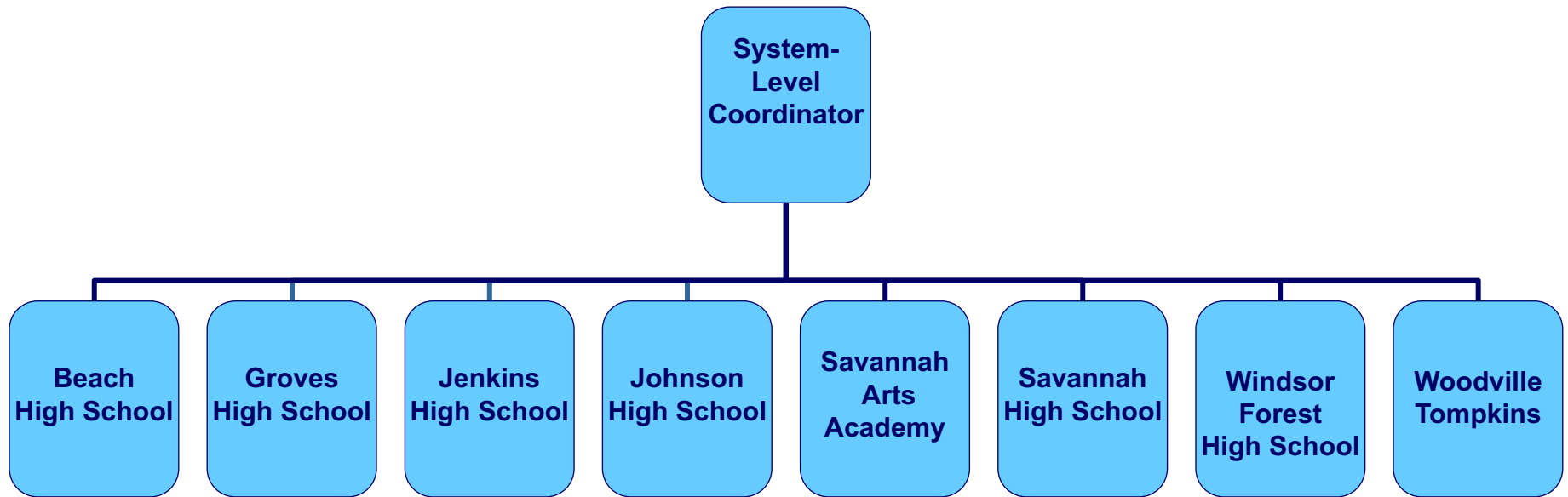
- ▶ Provides a planned program of job training and work experience for a student, paid or nonpaid
- ▶ Assists the student in career exploration and selection of a career major
- ▶ Teaches job skills that relate to the student's career major
- ▶ Integrates academic and career curricula



Work-Based Learning



Savannah-Chatham County Delivery Model



Major Partnerships

- ▶ Gulfstream Aerospace
- ▶ Memorial Health
- ▶ H & R Block



Challenges

- ▶ Educating community on Career Pathways
- ▶ Increasing dual enrollment/articulation agreements
- ▶ All programs leading to Industry Certification
- ▶ Difficulty teaming with academic teachers
- ▶ Scheduling students
- ▶ Converting WT to complete 9-12 magnet school

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