# Welcome! New Curriculum Directors' Virtual Professional Learning Series

Justin Hill

Director of Curriculum and Instruction



**December Spotlight** 

Dr. Barbara Wall

State Director of Career, Technical, and Agricultural Education (CTAE)



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Dr. Barbara Wall, State CTAE Director



#### **MISSION**

To educate Georgia's future workforce by providing experiences for Georgia students that will prepare them for workplace success.

#### **VISION**

Career, Technical, and Agricultural Education will provide educational experiences of superior quality and value for students that drive economic prosperity for all.

#### **VALUES**

Career Focused
Employer Partnerships
Experiential
Innovation
Integration
Results Based
Student Centered
Quality





## Four Priorities of CTAE Strategic Plan

PRIORITY 1

Georgia's Career, Technical, and Agricultural Education will change perceptions of its career-focused programs.



We will provide Georgia students access to quality career counseling and development throughout grades K-12.



Teachers and counselors are central to student success in CTAE; therefore, we will prioritize increased teacher and counselor recruitment, retention, and professional development efforts.



In order for CTAE and students to be successful long term, it is imperative that we expand CTAE opportunities and teach employability skills throughout grades K-12.



Real
Opportunities
for College &
Rewarding
Careers



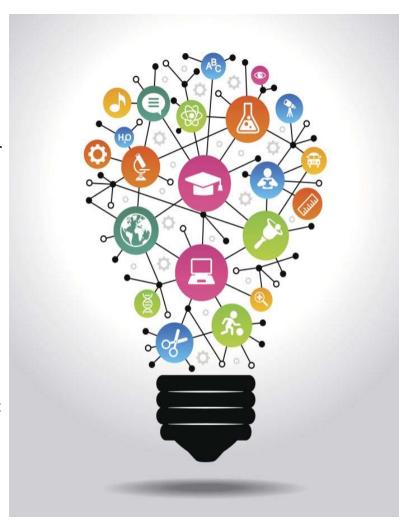
Real High
School
Experience with
Added Value

Real-World Workforce-Ready Skills



### **Changing Minds and Changing Lives**

- \* CTAE serves as a safety net for At-Risk Students, whose odds of dropping out decline with an increased participation in CTAE courses in high school.
- \*\* CTAE students graduate at a rate nearly 15% higher than their general education classmates and Pathway Completers are more likely than their peers to continue into Post-Secondary Education.
- CTAE provides an avenue to advanced careers during pivotal college and young professional years through practical, applied experience, industry credentials, and course credit articulation.
- CTAE offers a way to break cycles of socioeconomic distress for women and minority students. For those underrepresented demographics, careers in trade-skill industries often mean the difference between poverty and middle-class lifestyles.





### CTAE is NOT just for high school . . .

#### Approved Career, Technical and Agricultural Education Exploratory Programs

#### Middle School Agriculture

- 02.01200 Exploring Agricultural Education (Grade 6)
- 02.01300 Exploring Agricultural Education (Grade 7)
- 02.01400 Exploring Agricultural Education (Grade 8)

#### Middle School Computer Science Courses

- 11.01100 Foundations of Secure Information Systems
- 11.01200 Foundations of Computer Programming
- 11.01300 Foundations of Interactive Design

#### Middle School Business Management and Finance

- 07.08300 Foundations of Business Administration
- 07.08400 Foundations of Business Management
- 07.08500 Foundations of Investing and Finance

#### Middle School Career Development

- 32.02100 Career Awareness Grade 6
- 32.02200 Career Discovery Grade 7
- 32.02300 Career Management Grade 8

#### Middle School Engineering and Technology

- 21.02100 Exploring Engineering and Technology Grade 6
- 21.02200 Invention and Innovation Grade 7
- 21.02300 Technological Systems Grade 8

#### Middle School Family and Consumer Science

- 20.01100 Family Consumer Science Sixth Grade
- 20.01200 Family Consumer Sciences Seventh Grade
- 20.01300 Family Consumer Sciences Eighth Grade

#### Approved Career, Technical and Agricultural Education Exploratory Programs

#### Middle School Healthcare Science

- 25.03300 Healthcare Diagnostics and Support Services
- 25.03400 Healthcare IT and Biotechnology
- 25.03500 Therapeutic Services and Applied Anatomy

#### Middle School Architecture and Construction

- 46.02100 Introduction to Architecture and Construction (Grade 6)
- 46.02200 Fundamentals of Architecture and Construction (Grade 7)
- 46.02300 Exploring Architecture and Construction (Grade 8)

#### Middle School Communications

- 48.03100 Broadcast and Graphic Communications (Grade 6)
- 48.03200 Introduction to Communications (Grade 7)
- 48.03300 Applications of Communications (Grade 8)

#### Middle School Transportation

- 47.02100 Introduction to Ground, Air and Maritime Technology (Grade 6)
- 47.02200 Foundations of Aerospace. Ground and Maritime Transportation (Grade 7)
- 47.02300 Investigation into Aerospace, Ground and Maritime Transportation (Grade
   8)

#### Middle School Government and Public Safety

- 43.04100 Exploring Public Safety and Government Education (Grade 6)
- 43.04200 Exploring Public Safety and Government Education (Grade 7)
- 43.04300 Exploring Public Safety and Government Education (Grade 8)

#### Middle School Marketing

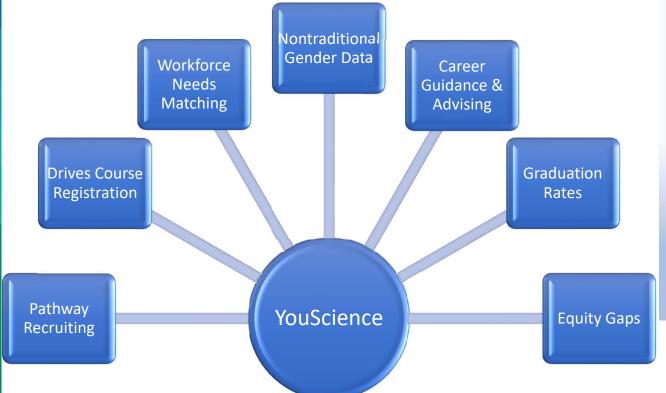
- 06.04100 Basic Skills of Marketing
- 06.04200 Exploring Marketing Education
- 06.04300 Pathways in Marketing

https://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/Middle-School-Performance-Standards.aspx









#### **Bonus Benefits**

- Avoids expensive career exploration at colleges and universities
- Connects academics and lifelong plans
- Conversation starter with families
- Student and parent impact—provides hope and purpose
- Data to deliver Tier 1 curriculum
- Data for teachers on student-learning styles



## For more information please visit our website: www.gadoe.org





Richard Woods, Georgia's School Superintendent

Offices & Divisions - Programs & Initiatives -	Data & F.porting+	Learning & Curriculum+	State Board & Policy -	Finance & Operations -	Contact -	Calendar+
Teaching and Learning	External Affairs & Policy		Finance & Business Operations			
Curriculum & Instruction	AskDOE	AskDOE		Accounting Services		
Georgia Virtual Learning	Charter Schools		Budget Services			
Student Support Teams	Communications		Facilities Services			
Teacher and Leader Support and	der Support and Excellence Recognition  Governmental Affairs		Financial Review			
Development			Human Resources			
	Policy	Policy		Internal Support		
	State Board o	State Board of Education		Pupil Transportation		
			School	Nutrition		
Technology Services	Office of Sch	ool Safety and Climate	Asses	sment & Accountability		
Data Collections	School Safety	School Safety		Accountability		
Georgia's Statewide Longitudinal Lata System	School Climat	School Climate		Assessment		
Infrastructure	Student Safet	Student Safety and Wellbeing		College and Career Ready Performance Index		
Instructional Technology	GSHS Report	s	(CCRPI)			
PCGenesis						
Career, Technical, Agricultural Education Federal Program		rams	Schoo	I Improvement		
	Special Educa	ation Services and Suppo	rts School	and District Effectiveness	i.	
	Title Programs	S				
State Schools						

Parents Teachers Students ABCs



Richard Woods, Georgia's School Superintendent













Offices & Divisions -Programs & Initiatives - Data & Reporting-

Learning & Curriculum -

State Board & Policy -

Finance & Operations -

Contact-

Calendar -



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#### Guidance and Counsell

Guidance and Counseling Overvie

Career Development

Counselor Resources

Guidance and Counseling

Capstone Career Related Project

Hospital Homebound Services

School Counselor Information

School Social Work

#### Clusters/Pathways

#### **Development and Transition**

Development and Transition Overview

Career Related Education

Economic & Workforce Development

**Dual Enrollment Program** 

High Schools That Work

**Industry Certification Standards** 

**JROTC** 

Middle School Performance Standards

Nontraditional Occupations

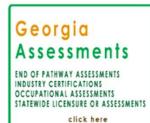
Professional Development

#### **Career, Technical and Agricultural Education**

Career, Technical, and Agricultural Education (CTAE) is preparing Georgia's students for their next step after high school--college, beginning a career, registered apprenticeships, or the military. Georgia CTAE pathway course offerings, and the new ducating Georgia's Future Workforce initiative, leverage partnerships with industry and er education to ensure students have the skills they need to thrive in the future worktoice. CTAE offers students more than 130 career pathways within the 17 Georgia Career U vsters.









#### **Contact Information**

#### Dr. Barbara Wall, State Director

Career, Technical and Agricultural Education Phone: 404-657-8304 Email: bwall@doe.k12.ga.us





#### State Staff List

· State CTAE Staff Contact List

#### **CTAE Quick Links**

- 2019 Atlanta Electrical Contractors Association Employability Skills Award
- · 2019 Externship Packet
- · Career Ready Diploma Seals
- Congressional District @

## **Career Clusters and Pathways**

Agriculture, Food & Natural Resources (34)

Architecture & Construction (12)

Arts, Audio/Video Technology & Communications (5)

Business Management & Administration (4)

Education and Training (3)

Energy Systems (2)

Finance (3)

Government & Public Administration (5)

Health Science (18)

Hospitality & Tourism (3)

Human Services (7)

Information Technology (9)

Law, Public Safety, Corrections & Security (10)

Manufacturing (4)

Marketing (3)

Science, Technology, Engineering & Mathematics (3)

Transportation, Distribution & Logistics (10)





## Career Cluster and Pathway Curriculum

Career Clusters are broadly defined categories of industry sector areas, while Pathways are more occupationally specific and organized in three (3) sequenced courses.

Certain third-level pathway courses count toward required fourth math and/or science or sequenced world language academic credits.

Career, Technical and Agricultural Education Coursework is relevant to Industry because it:

Incorporates rigorous academic standards Includes technical proficiencies and hands-on experiences Integrates employability and soft skills



## Awareness Career Exposure Awareness Activities Portfolio Creation

#### Middle Career **Exploration**

- Student Accounts
- Interest Inventories
- Graduation Plans

#### Career Development

- Career Coaching
- Parental Advising
- **Experiential Learning**

Standard: Demonstrate employability skills required by business and industry. The following elements should be integrated throughout the content of this course.

- 1.1 Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities.
- 1.2 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods.
- 1.3 Exhibit critical thinking and problem-solving skills to locate, analyze and apply information in career planning and employment situations.
- 1.4 Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity.
- 1.5 Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team-work skills.
- 1.6 Present a professional image through appearance, behavior and language.





Georgia CTSOs
BUILDING
FUTURE
LEADERS IN
GEORGIA







## **Student Enrollment**











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## **Student Enrollment**















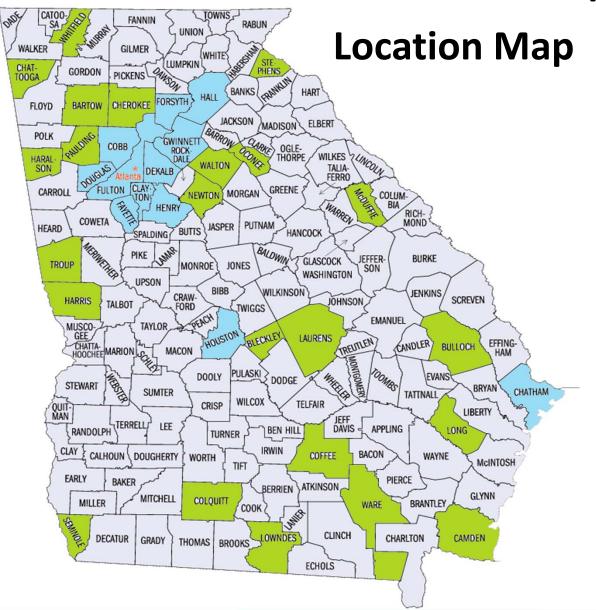




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### **CTSO Student Leadership Officer**





Real
Opportunities
for College &
Rewarding
Careers



Real High
School
Experience with
Added Value

Real-World Workforce-Ready Skills



## CTAE Delivers Real-World Workforce-Ready Skills

- ➤ CTAE is a unique opportunity for hands-on learning putting students at the center of the action.
  - Employability Skills
  - Work-based Learning
  - CTSOs
- > CTAE provides the skills and confidence students need to pursue career options, discover their passions and get on a path to success.
  - Educator Externships
  - School Counselors
  - CTAF Teachers
  - CTAE Administrators
  - Partners
  - YouScience (listening session results)



"Connecting employers to Georgia's future workforce"

#### **About Georgia's Career Pipeline**

Georgia's Department of Education Career, Technical, and Agricultural Education (CTAE) is preparing Georgia's students for their next step after high school--college, the military, or beginning a career. CTAE offers students more than 130 career pathways within 17 Career Clusters.

Georgia's Career Pipeline is provided to help Georgia businesses see the availability of young talent in a search area for a type of service or technical skill, and help businesses make important decisions concerning growth, development, and workforce needs.

Please visit the below links for additional information:

Georgia's Career Pipeline Overview Video Georgia's Career Pipeline User Guide

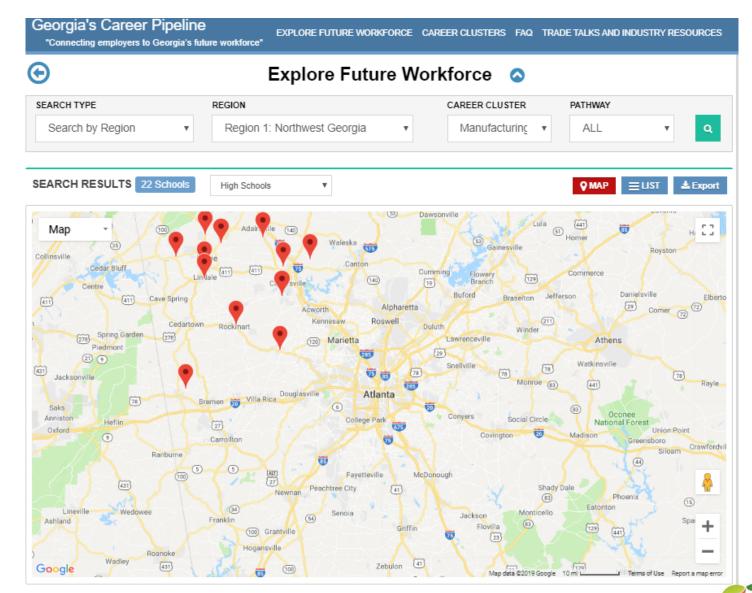
EXPLORE FUTURE WORKFORCE

**CAREER CLUSTERS** 

FREQUENTLY ASKED
QUESTIONS







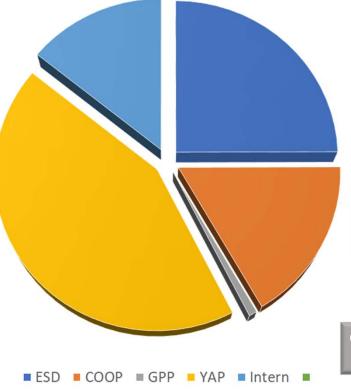
## 2018-2019 WBL Enrollment Data

**Work-Based Learning Enrollment 2018-2019** 

Internship Students: 9889 Credits Earned: 21,159

Totals
Students: 22,681
Credits Earned: 49,382

Youth Apprenticeship Program
Students: 3266
Credits Earned: 7296

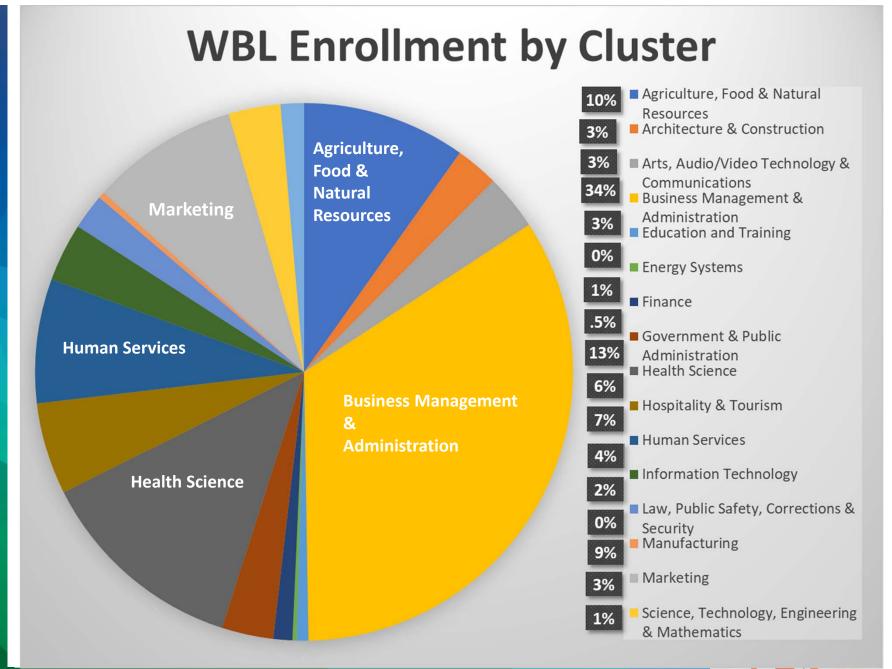


Employability Skill
Development
Students: 5706
Credits Earned: 12,946

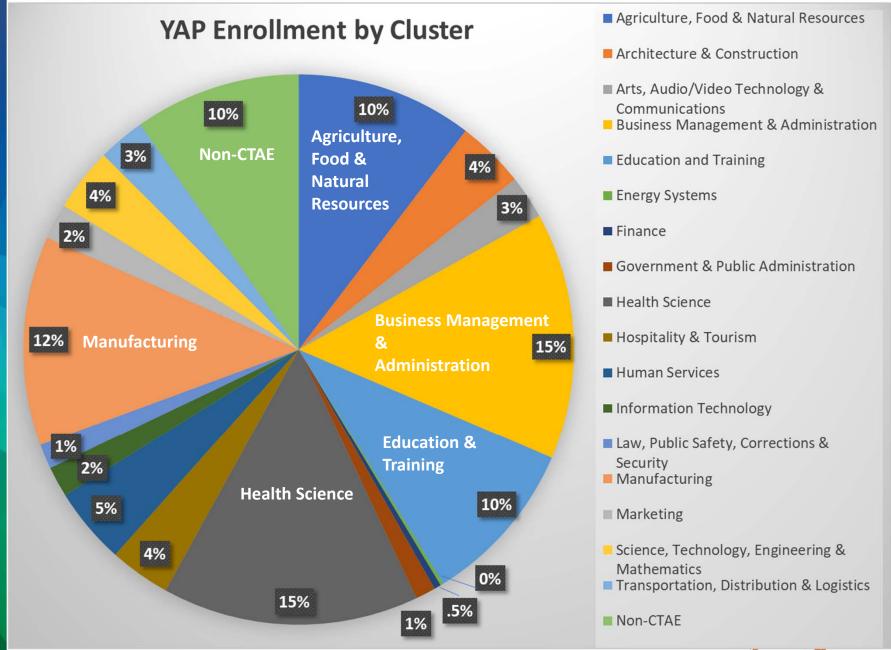
Cooperative Education Students: 3820 Credits Earned: 7981

**Great Promise Partnership Students: 184** 













## **Externships**CTAE Division of Georgia Department of Education

- AT&T
- Perdue Foods
- Fort Gordon (Cyber Center of Excellence)
- Dalton Whitfield Chamber of Commerce
- Elberton Granite Association
- Evergreen Nursery
- Jaguar Land Rover Dealership
- IACT Health
- Kubota
- Kia
- Phoebe Putney Memorial Hospital
- CSX Transportation
- Georgia Transmission Corporation

- Atlanta Metro Studios
- RW Allen Construction
- Georgia Metals
- Georgia Agribusiness Council
- Goodwill
- IMS GEAR
- Norfolk Southern Training Facility
- Metro Atlanta Chamber
- McKorkle Nurseries
- Smite
- TenCate
- Rising Professionals

- Primerica
- UNISYS
- Georgia Power
- Baldor
- Shaw Industries
- Georgia Port Authority
- Holder
- Southwire
- Dekalb County Police Department
- Mohawk
- Georgia Apartment Industry
- ThermaCare
- Shaw Industries



## **Externships: Teachers & Counselors**



During the 2018-2019 school term 122 teachers and counselors across Georgia completed summer externships through CTAERN.



### 2016 - Present 372 CTAERN Teacher Externships

While observing these proceedings I took notice of the various actors in the courtroom. Often when discussing a pathway for criminal justice, we think mainly of the law enforcement side. Having this experience opened my eyes to the incredible amount of opportunities there are in the criminal justice field. Some of these roles included court reporter, court clerk, defense council, prosecuting attorney, U.S. Probation, U.S. Marshals, and federal court security. Each of these jobs has an important role in the process and requires various job skills. I believe most importantly for this environment that focusing on



How will this experience benefit your classroom or pathway? My experience will help me to explain to
my students how important communication, problem solving and technology skills are in the
workforce. Also, it will help me bring back the Small Business Development pathway back to my
school. I met a lot of people during my experience who are willing to help and become business and
community partners.



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Real High
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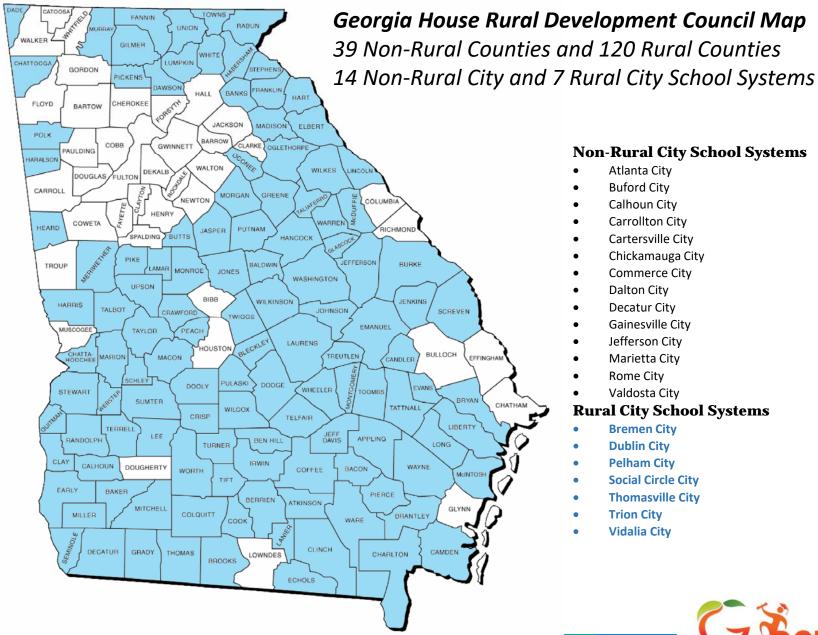
Real-World Workforce-Ready Skills



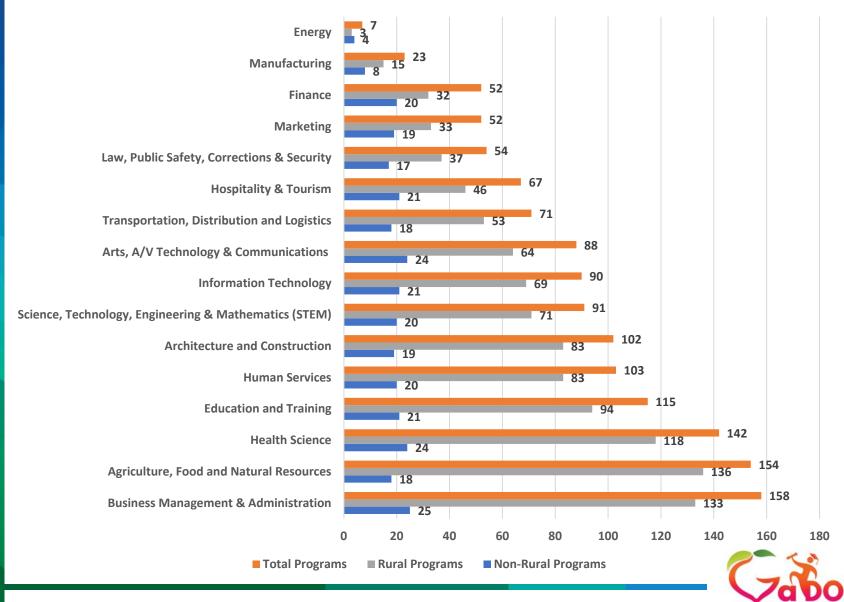
Thank you, for your ongoing support of secondary CTAE programs. With your support, we have an all-time high graduation rate:

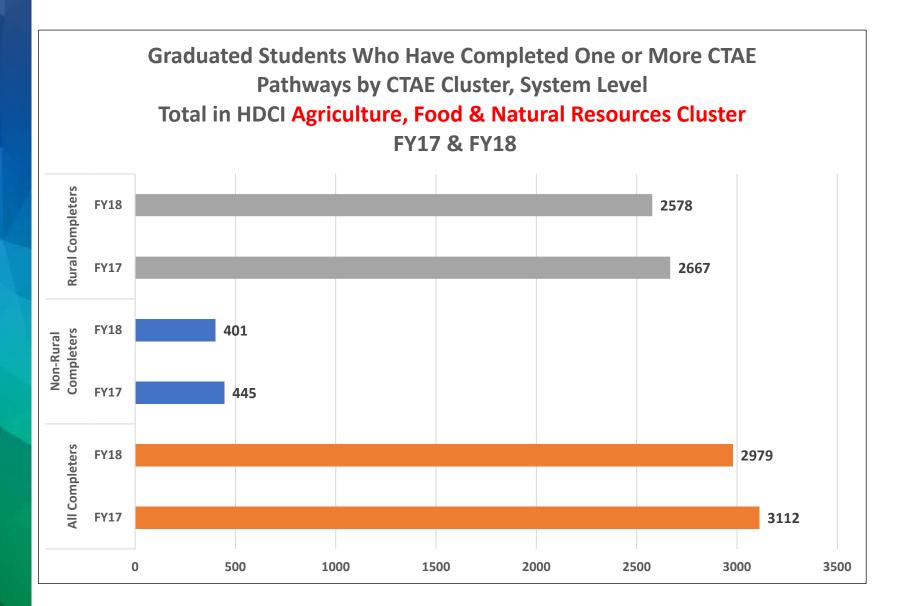


Students who complete a CTAE career pathway have a graduation rate almost 15 points higher than the state's graduation rate.

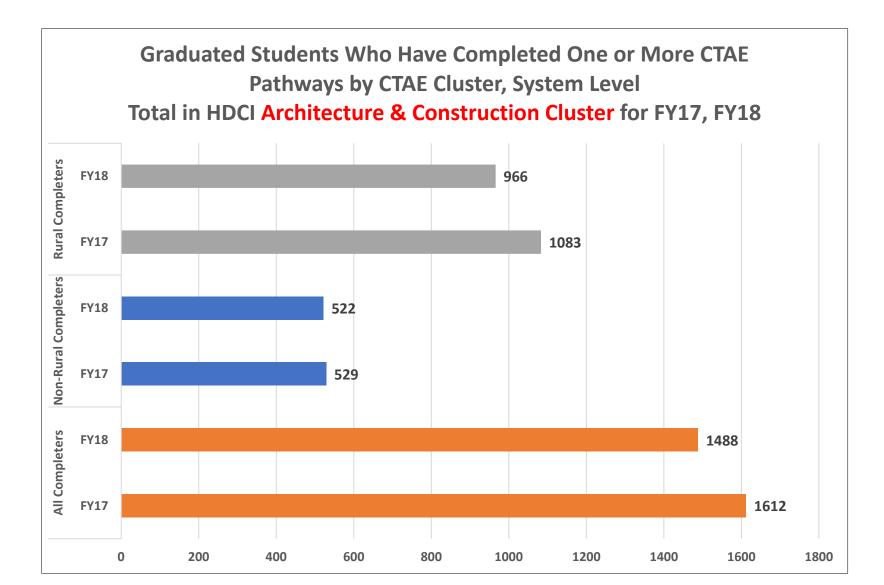


## Total Programs for Graduated Students Who Completed One or More CTAE Pathways by CTAE Cluster, System Level, FY2018



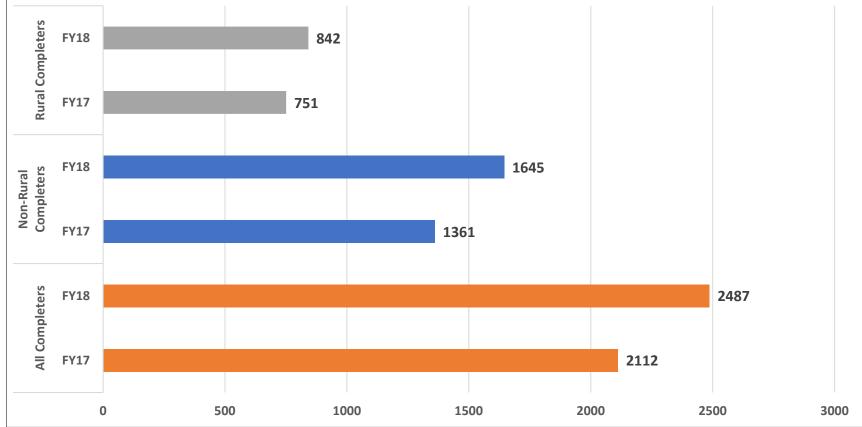




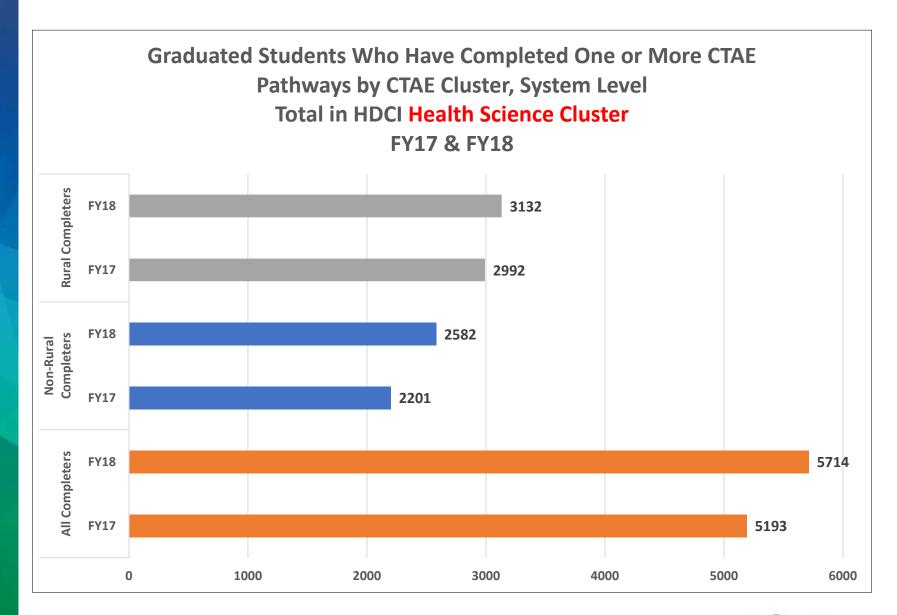




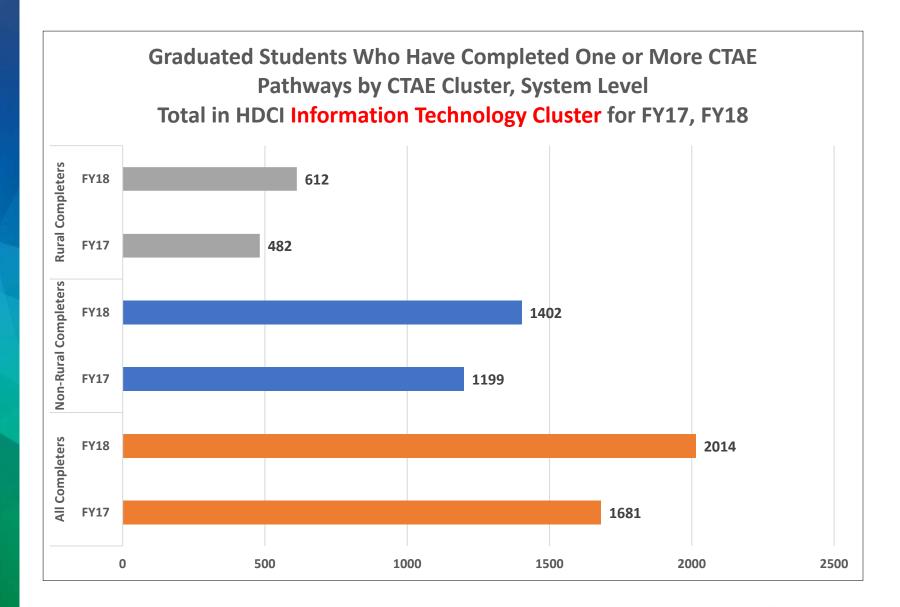




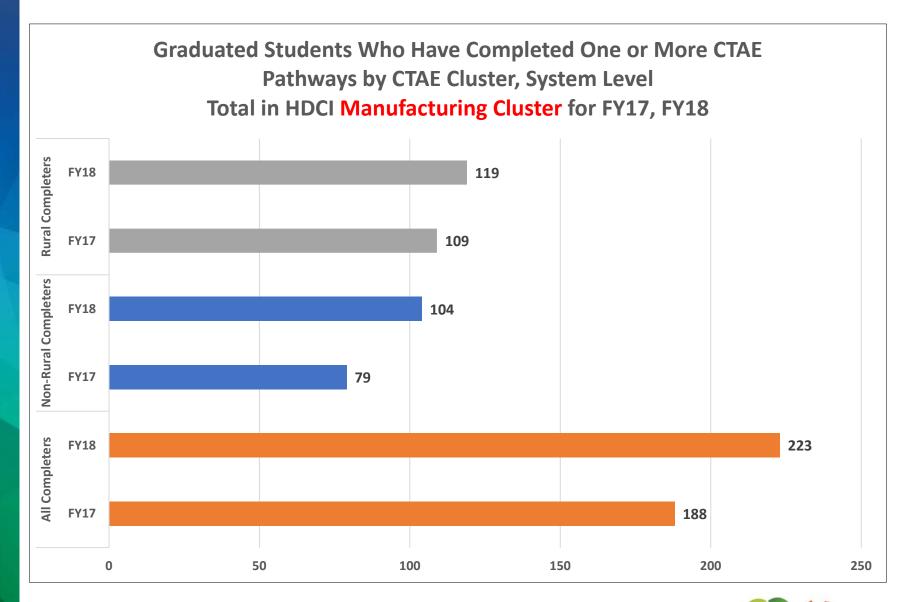








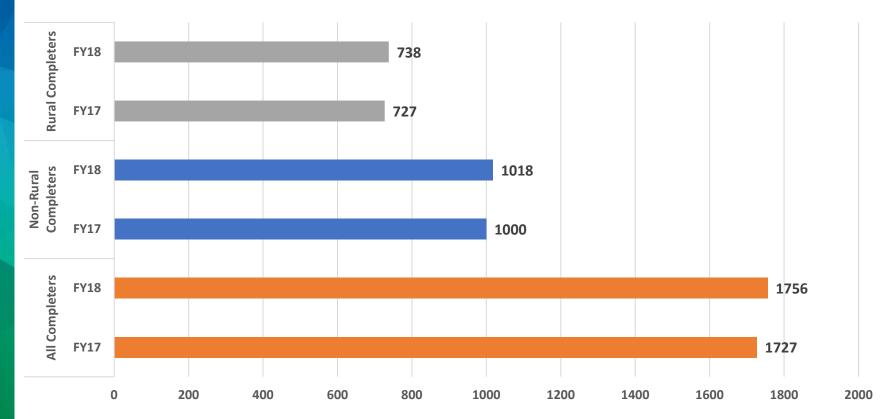




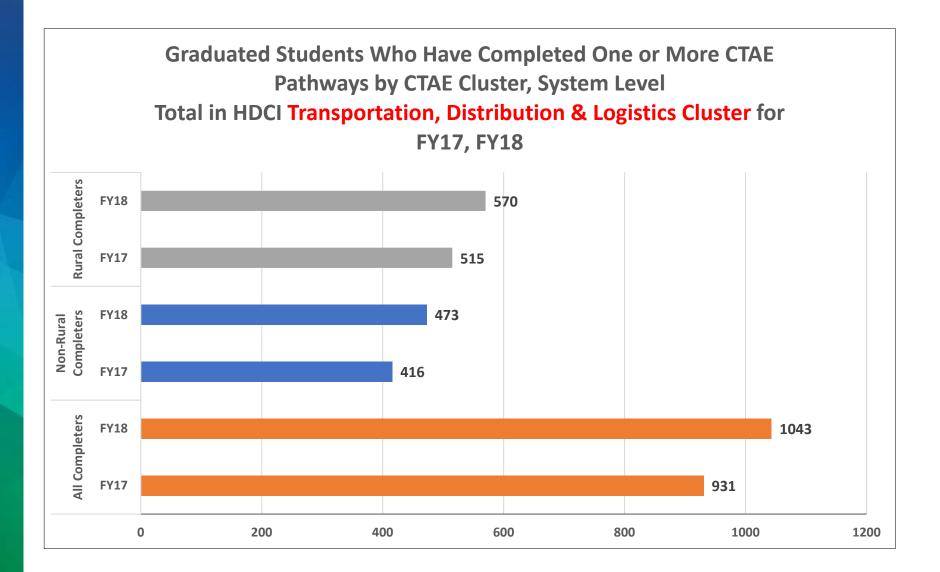


# **Graduated Students Who Have Completed One or More CTAE** Pathways by CTAE Cluster, System Level **Total in HDCI Science, Technology, Engineering, Mathematics Cluster**

FY17 & FY18









# What is the Perkins Act?

# Federal funding for secondary and postsecondary Career Technical Education





# Perkins V (transition began July 1, 2019)

The purpose of this Act is to develop more fully the <u>academic knowledge and</u> <u>technical and employability skills</u> of secondary education students and postsecondary education students who elect to enroll in career and technical education programs and programs of study.

# Requirements of Perkins V

- Comprehensive Local Needs Assessment (academic and workforce)
- Gaps in academics & workforce needs
- Funding allocated to the needs
- High Skill, High Wage, In-Demand
- Meaningful Collaboration
- Local Application

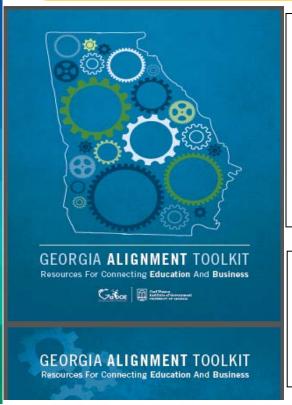


# Major Changes of Perkins V State Plan - Review

- Changes "high-demand" to "in-demand"
- Bigger emphasis on CTE programs in rural areas and low-income areas
- Seeks to align Perkins V with ESSA, WIOA, and HEA
- Allows Perkins funding down to grades 5-8
- Requires local career technical programs to conduct a Comprehensive Needs Assessment every 2 years
- Expands the list of Special Populations
- Meaningful collaboration between secondary, postsecondary and employers



# Labor market alignment for all CTAE programs



- 1. What are the largest industries in my region?
- 2. What are the fastest growing jobs in my region?
- 3. What are the highest paying jobs in my region?
- 4. Where are people in my region commuting to & from for work?
- 5. What are the current training & education levels of my community's workforce?
- 6. Where do the students from our high school(s) go after graduation?

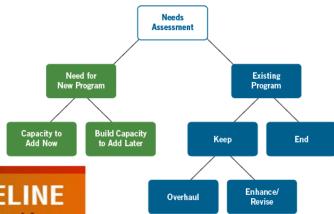
GEORGIA
Carl Vinson
Institute of Government



### Workshops:

Using Labor Market Info for CTAE Planning

https://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Documents/GaDOE-Alignment-Toolkit-Report.pdf





Connecting employers to Georgia's future workforce gacareerpipeline.gadoe.org













Georgia Department of Education CAREER TECHNICAL AND AGRICULTURAL EDUCATION

Dr. Barbara Wall - bwall@doe.k12.ga.us





http://gadoe.org/surveys/CTAE-FP5Q7ND



# C&I Updates: ELA #1

# Dyslexia Informational Handbook

**Guidance for Local School Systems** 





Updated November 22, 2019





# C&I Updates: ELA #2



These one-day institutes are aimed at increasing the expertise of school-based literacy teams in our state. Schools will have the opportunity to send members of their literacy teams to a winter institute as a follow-up to the 2019 Summer Literacy Conference.

### **Institute Dates and Locations:**

February 5, 2020 – Cartersville, GA – Clarence Brown Conf. Center February 19, 2020 – Dublin, GA – Oconee Fall-Line Tech. College March 4, 2020 – Tifton, GA – UGA Tifton Campus Conf. Center

### Cartersville Drive-in

https://gael.ps.membersuite.com/events/ViewEvent.aspx?context ID=e386dc0a-0078-c541-fe8e-0b4060885309

### **Dublin Drive-in**

https://gael.ps.membersuite.com/events/ViewEvent.aspx?context ID=e386dc0a-0078-c6bd-1fef-0b4060873aa7

### Tifton Drive-in

https://gael.ps.membersuite.com/events/ViewEvent.aspx?context ID=e386dc0a-0078-cb44-92a6-0b4060895aec

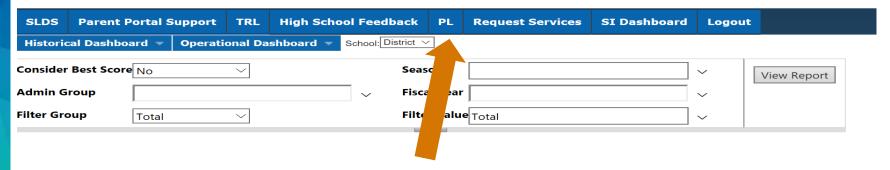
The 2020 Winter Literacy Institutes will provide school teams the opportunity to engage in evidence-based practices for literacy. It is anticipated the literacy teams will implement these strategies and processes within their respective schools upon their return.

For more information contact Stephanie Sanders: ssanders@doe.k12.ga.us



# **C&I Updates: Science**

# Professional Learning – On Demand Take Any Time From Anywhere



# Check-out Our Latest Courses:





**The Computer Science: Data** 

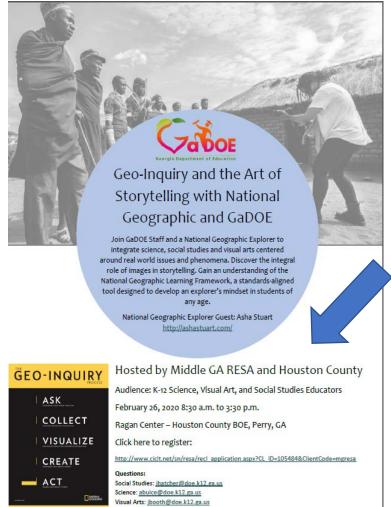
Teachers earn badges that leaders can view in the TKES platform.

For more information contact Amanda Buice: abuice@doe.k12.ga.us

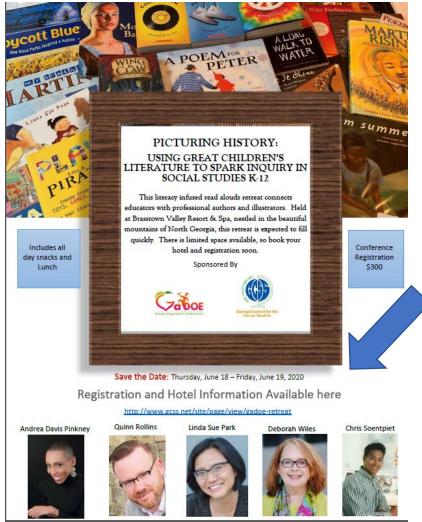


# **C&I Updates: Social Studies**

February 26, 2020



June 18-19, 2020



For more information contact Joy Hatcher: jhatcher@doe.k12.ga.us

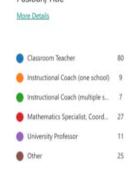


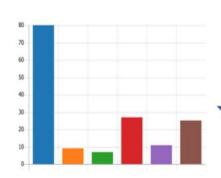
# 2020 Mathematics Standards Review Update

Over 200 teachers and teacher leaders from all RESAs and all Congressional Districts invited to be a part of the process

(invitations sent from Governor, State Board of Education Representatives, and State School Superintendent)







# **Upcoming Committee Meetings Scheduled**

- Citizens Review Committee December 6, 2019
- Teacher Working Committees January & February 2020
- Academic Review Committee March 2020

in all grade levels and courses will be reviewed



# For more information, visit <a href="https://www.gadoe.org/standards">www.gadoe.org/standards</a>

## K-12 Mathematics Standards Review Process

### Post Public Feedback Survey

July 16-September 6, 2019

GaDOE posts survey on website/ emails out; open to all Georgians to provide general feelings/feedback regarding the current standards.

### **Share Survey Results**

September 25 and 26, 2019

State School Superintendent shares results with the Governor's Office and State Board of Education.

### **Convene Citizens Review Committee**

December 2019

20 members appointed by Governor and State School Superintendent (10 each). Made up of parents, students, taxpayers, business/industry leaders, and community members. Focilitated by the Carl Vinson Institute.

Reviews survey results. Provides additional feedback.

### **Convene Working Committees of Teachers**

January 2020-February 2020

Given charge by Governor and State School Superintendent.

Made up of content area classroom teachers for each grade level and geographically representative of the state.

An equal number of appointments of teachers to serve on these committees will be made by the Governor, State School Superintendent, State Board of Education, and Georgia Department of Education's Curriculum and Instruction division.

Makes draft revisions to current standards based on survey feedback, classroom perspective, feedback from Citizens Review Committee, and charge of the Governor and State School Superintendent.

### **Convene Citizens Review Committee**

April 2020

Working/Academic Review Committees share proposed revisions. Citizens Committee reviews and provides feedback on proposed revised standards.

Working/Academic Review Committee make necessary revisions.

### **Convene Academic Review Committee**

March 2020

Serves as an oversight committee that will review the survey analysis, recommendations of the Working and Citizens Review Committees, and charge of the Governor and State School Superintendent to approve draft recommendations for revision and/or to make additional recommendations.

Members of the Academic Review Committee will include: University System of Georgia, Technical College System of Georgia, Governor's Office of Student Achievement, and Department of Early Care and Learning. The Governor will make six appointments: a member State Board of Education, Education Policy Advisor, business and industry representative, and three additional appointments. The State School Superintendent will make six appointments: GaDOE's Deputy Superintendent of Teaching and Learning, a child development expert, two mathematics representatives, and two additional appointments.

#### Iterative Process

Academic Review Committee provides feedback on proposed revisions to Working Committees; ask clarifying questions.

Working Committee makes necessary revisions.

### Post Draft Standards for Public Comment

May 2020 (30 days)

State School Superintendent makes recommendation to State Board of Education to post the draft standards for public comment.

All Georgians are able to give general or standardslevel feedback. Citizens Review Committee works to urge Georgians to participate in survey process.

Learn more at:

GaDOE.org/standards

### **Adopt New Standards**

lune 2020

Committees make additional changes if necessary based on public comment.

State School Superintendent makes recommendation to State Board of Education to adopt the standards.

Revised 11/2019



For more information contact Dr. Lya Snell: lsnell@doe.k12.ga.us



January Spotlight:
Assessment and Accountability
January 14, 10AM

# www.gadoe.org







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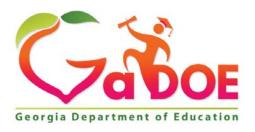


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## \*\*New Homepage Updates\*\*

- November TL Updates Newsletter
- User Guide for TRL
- •2020 Winter Literacy Institute Dates
- •2020 Girls Go CyberStart Flyer
- Dyslexia Informational Handbook

