

WELCOME



Operation Graduation: The Path to Success

Office of Federal and Special Programs Division of School Improvement and Operations

March 21, 2022

The meeting will begin at 5:30 PM. Thank You for your patience.

Select the language you would like to participate in for today's meeting Para escuchar esta reunión en español sigla las instrucciones

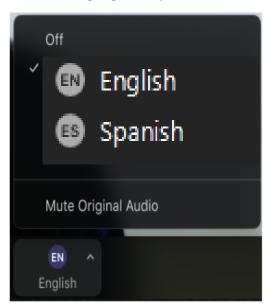
For your Computer





Seleccione el idioma en lo cual le gustaría participar en la reunión de hoy:

- 1. In your meeting/webinar controls, click Interpretation.
 - En el control de Meetings/Webinar, haga clic en Interpretation.
- 2. Click the language that you would like to hear.

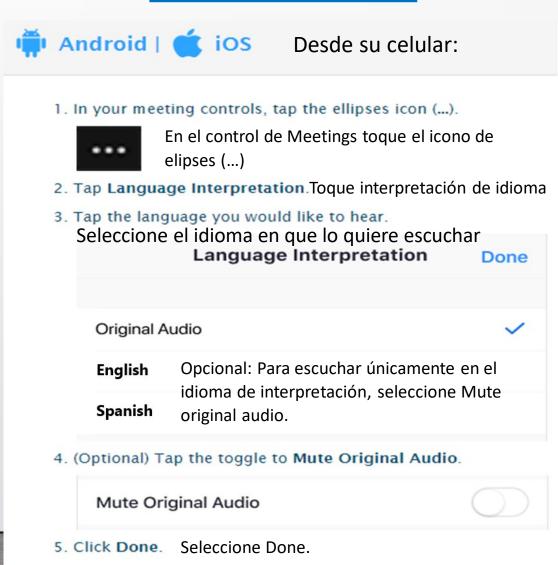


Haga clic en el idioma que quiere escuchar.

Opcional: Para escuchar únicamente en el idioma de interpretación, haga clic en Mute original audio.

3. (Optional) To hear the interpreted language only, click Mute Original Audio.

For your Mobile Device





WELCOME



Operation Graduation: The Path to Success

Office of Federal and Special Programs Division of School Improvement and Operations

March 21, 2022







- ✓ Additional Opportunities for Success Credit Recovery
- ✓ Foundational Literacy and Math Skills
- ✓ Transitioning from Middle School to High School
- ✓ Pathways and Academies
- ✓ Graduation Requirements and Post-Secondary Options
- ✓ Study Skills and Parent Resources
- ✓ Conclusion & Evaluation







- Dr. Tereka Williams, Executive Director of Federal and Special Programs
- Dr. Chisel Valdez, Principal on Special Assignment, Federal and Special Programs
- Eric Spoto, Executive Director of School Operations and Support
- Kimberly Lipe and Deborah Johnson, Curriculum Directors (6-12)
- Shenée Holloway, Federal and Special Programs Coordinator
- Dr. Kyle Jones, Tim Hemans, and Sallie Holloway CTE Department
- Katrina Cole-Garner, and Dr. Demetria Williams, Student Services Department
- Milena Fuentes, Federal and Special Programs Specialist







- You may use the chat box for any questions.
- You have been muted, and your camera feature has also been disabled in order to reduce background noise and distractions.





Additional Opportunities for Success Credit Recovery

Eric Spoto

Executive Director, Office of School Operations and Support

Credit Recovery



Credit Recovery provides students the opportunity to recover credit for a course that they previously failed. Through this opportunity students can get back on track for graduation.

All high schools offer some form of Credit Recovery

Credit Recovery offered at the high school:

- Includes a minimum of 12 hours of additional instruction beyond the initial course
- To qualify, a student must have previously taken the course and should have earned a minimum final grade of 50-69%.
- For successful completion of a credit recovery class, students must earn a score of 70 percent or higher on a cumulative exam (End of Course Assessment, district assessment and /or locally developed assessment).

NOTE: The NCAA does not recognize this credit recovery program for eligibility purposes.

Credit Recovery



Credit Recovery offered at the high school through Georgia Virtual School:

- Self-paced program where students work through leaning modules
- Students should check with their local school to determine if credit recovery through Georgia Virtual School is offered at their school.
- The grade earned in the course is transcribed onto the student's transcript.

Credit Recovery taken outside of Gwinnett County Public Schools:

- If the course is taken through a program that is accredited the grade earned will be transcribed on the transcript.
 - * If the course requires an End of Course test the student must take and pass the End of Course test to receive credit.
- If the course is taken through a program that is not accredited or accredited as a non-traditional educational facility then the student will take the End of Course test, or locally created test, to validate the credit earned.
 - ❖ If the student passes the test a 'P' will be entered on the transcript

NOTE: The NCAA does not recognize this credit recovery program for eligibility purposes.





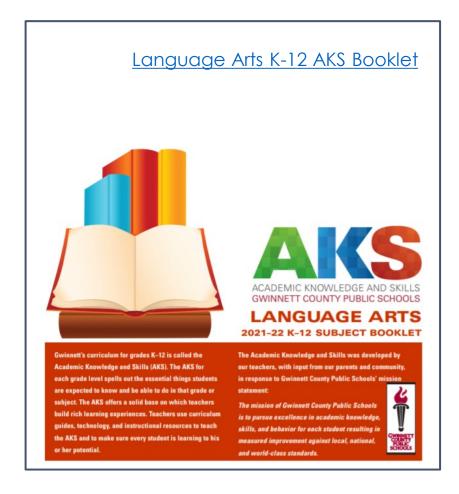
Foundational Language Arts Skills for Student Success

Kimberly Lipe

Director, Language Arts and Literacy 6-12

Foundational Language Arts Skills







Learning to read and write is the basis for all learning. In 8th grade, students work on reading and writing skills that will support them in learning all subjects. Students focus on skills for reading comprehension, including monitoring for comprehension, activating and connecting to prior knowledge, asking questions, inferring and visualizing, determining importance, and summarizing and synthesizing. 8th graders use reading and writing skills throughout the school day as part of activities in all classrooms. The AKS emphasizes literacy skills across content areas, including technical subjects.

By the end of 8th grade, all students are expected to:

- Use words, patterns in words, and word meanings to read fluently and comprehend effectively in all texts and activities;
- · Apply grade-appropriate language skills in writing;
- Self-monitor to correct errors when reading and writing, and talk with and listen to peers about one's reading and writing to become lifelong readers and writers; and
- Use reading and writing to communicate through listening, speaking, and viewing.

6-8 Parent AKS Brochures





The most important pieces to know about a character, event, or idea. Together, the key ideas and details work together to develop a theme or central idea. Think of this important detail like the importance of beams in a building. All of the key ideas and details (beams) put together creates a whole picture for the reader that can lead them to a better understanding of the big picture. How can I check if the idea or detail is key? Ask yourself, "Does this idea or detail show up in multiple places?" and "If the detail or idea was removed throughout the whole story, would my understanding of the text change?" When asked to provide evidence, we want to refer back to these pieces to support what we think.



Theme/Central Idea



The message readers receive as they read the story from beginning to end. This message can show up in how character's navigate situations, grow from interactions with others, and relate to life. To uncover this message, readers pay attention to repeated key ideas and details and consider a possible message they could apply to their own lives.







- What patterns do you notice?
 - Words
 - Conflicts
 - Emotions
- What do the patterns tell you about the larger message?
- Where is there a change or shift in the pattern?
- Which evidence supports your thinking?
- How does the ability to recognize themes in texts relate to your future?

Point of View/Perspective



The way a character views and responds to the people, places, and events around them. Every character in a story has a unique way of interacting with people, places, events, and ideas in a text. Point of view is like a lens or pair of glasses. It is how the character views every situation around them. Through repeated key ideas and details, readers learn how a character views the world around them. Then, readers begin to understand each character's perspective which reveals how a character then will interact with the world around them— other characters, events, conflicts, settings, etc.

Point of view is the tool we use to understand a character's perspective.











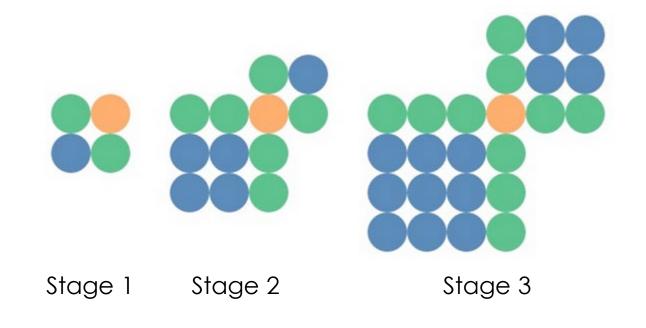
Foundational Math Skills for Student Success

Deborah Johnson Director, Math 6-12

Pattern Task



How do you see the pattern growing?





https://www.visualpatterns.org/

Foundational Math Skills





Math K-12 AKS Booklet



MATHEMATICS 2021-22 K-12 SUBJECT BOOKLET

Gwinnett's curriculum for grades K-12 is called the Academic Knowledge and Skills (AKS). The AKS for each grade level spells out the essential things students are expected to know and be able to do in that grade or subject. The AKS offers a solid base on which teachers build rich learning experiences. Teachers use curriculum guides, technology, and instructional resources to teach the AKS and to make sure every student is learning to his or her potential.

in response to Gwinnett County Public Schools' mission The mission of Gwinnett County Public Schools is to pursue excellence in academic knowledge, skills, and behavior for each student resulting in

The Academic Knowledge and Skills was developed by

our teachers, with input from our parents and community,

measured improvement against local, national, and world-class standards.

Mathematics



In the Mathematics classroom, students grow into confident, competent problem-solvers. They develop their understanding and use of numbers as they explore how mathematics connects to the real world. As they apply their learning in context, students develop their ability to think critically, reason mathematically, and communicate effectively.

Learning in 8th grade focuses on developing an understanding of Algebra I concepts. By the end of 8th grade, students should be able to do the following:

- Use properties of rational and irrational numbers;
- Create linear, quadratic, and exponential equations that describe relationships;
- Understand and describe how to solve equations and inequalities;
- Interpret equations in a real-world context;
- Construct and compare linear, quadratic, and exponential models, using equations, graphs, tables, and verbal descriptions; and
- Summarize, represent, and interpret data.

8th grade students use a number of strategies and tools as they learn math. They use a variety of representations to demonstrate their knowledge, such as verbal/written, numeric/ data-based, graphical, and symbolic. Students use technology, data, and problem-solving strategies.

> 6-8 Parent AKS **Brochures**





- What patterns do you see?
- Can you represent your thinking in a table? Graph? Equation?
- How can you check your answer for reasonableness?
- Explain to me your thinking for this problem.
- What connections do you see between your math and future career goals?









Transitioning From Middle School to High School

Shenée Holloway
Federal and Special Programs Coordinator

General Transition Overview

Middle School

VS.

High School

- Start time- 9:20 am
- 3 years (6th, 7th, & 8th grade)
- Core courses & Connections (each year students are encouraged to take one semester of Health and one semester of Physical Education. Students take two connections courses each quarter, but the options vary from school to school)
- Grades in middle school do not count toward high school GPA

- Start time- between 7 & 7:15 am
- 4 years (9th, 10th, 11th, & 12th grade)
- Core courses and Electives (students are required to take one year of Health and PE. All other electives are by choice and may be one or two semesters in length of time, and options vary from school to school.)
- Once high school begins, the GPA clock ticks and all grades count.

if a student fails a course, the course should be recovered or passed at some point to earn the credit required for graduation

General Transition Overview

Middle School

VS.

High School

About Promotion to 9th Grade

To earn promotion to the 9th grade, students are required to pass five out of six subjects <u>each</u> semester. Language Arts and Mathematics must be two of the five subjects passed.

Should a student not earn promotion to 9th grade, he or she may have the opportunity to attend summer school to learn the AKS curriculum not mastered during the school year. Students may attend summer school for no more than two semester-long classes.

8th Grade

In Georgia, 8th grade students also are required to achieve a reading status of Grade Level or Above on the English Language Arts Georgia Milestones End of Grade (EOG) Assessment and achieve the performance level of Developing or higher on the Mathematics Georgia Milestones EOG Assessment. Students who do not meet either of these state promotion requirements may be required to retest after summer school.

Students who do not meet grade level proficiency for the reading status and/or achieve the performance level of Developing or higher on the Mathematics EOG assessment but who have a yearlong average that is passing (70 or higher) in the corresponding course (Language Arts or Math) may be promoted.

• In order to *graduate students must earn a minimum of 23 credits (also called units) in the following:

Required Area of Study	Credit / Unit
Language Arts	4
Mathematics	4
Science (3 required and 1 elective)	4
Social Studies	3
Modern/Classical Language and/or Technical Education and/or Fine Arts	3
Health and Physical Education	1
Electives	4

*Students must also pass Gwinnett's High School Gateway Writing Assessment





Pathways and Academies

Dr. Kyle Jones, Tim Hemans, and Sallie Holloway Academies, Career, and Technical Education Department



Tim Hemans, Executive Director

Twitter: @GCPSCTE



Hello!



Department of Academies and Career and Technical Education



Tim Hemans
Executive Director



Dr. Kyle Jones
Director of Academies
and CTE



Sallie Holloway Director of Artificial Intelligence and Computer Science



CTE by the Numbers











Readiness
Rigor
Relevance
Relationships



What is CTE?



- Career and Technical Education provides instruction and training for a wide range of <u>high-wage</u>, <u>high-skill</u>, <u>in-demand</u> jobs
- GCPS has 17 career clusters with 59+ pathways
- GCPS also has 8 Career and Technical Student Organizations (CTSOs)
- CTE is available in middle school and high school

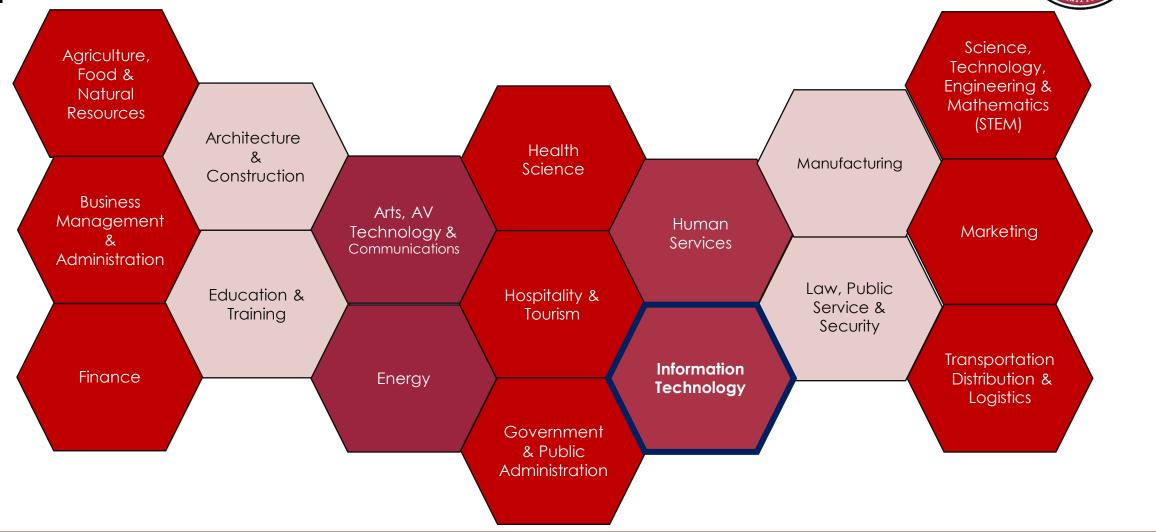






What is a Career Cluster







Computer Science For All



Why is computer science for <u>all</u> students?

Benefits:

- Half of the highest paying jobs in America require you to know how to code
- Twice as many Americans use CS in their job than previously, half of those are non-STEM fields
- Students who learn CS typically perform better in other disciplines like math, science, and reading
- Students who are exposed to CS in early grades are more likely to take advanced CS courses and pursue careers in STEM

Equity and Access to Opportunities:

- Boys are nearly 2 times more likely than girls to be encouraged to participate in CS
- Black (7%) and Hispanic (7%) workers are severely underrepresented in CS workforce
- Only 25% of computing professionals are women





CS4All in GCPS



Improve equity and access to computer science education for all students

Develop students as learners, users, and creators of computer science knowledge & artifacts

Develop student understanding of the role of computing in the world around them

Provide students with the knowledge and skills for future and current careers



K-12 CS Progression



Elementary School	Middle School	High School		
Courses	Courses	Pathway	Course Sequence	Industry- Recognized Credential(s)
Computer Science Specials for grades K, 1, 2, 3, 4, 5 STEM Specials for grades K, 1, 2, 3, 4, 5	6th grade- Foundations of Computer Programming	Computer Science	Introduction to Digital Technology Computer Science Principles (AP or regular) AP Computer Science A	AP exams (college credit) MTA Software Development (optional)
	7th grade- Foundations of Secure Information Systems	Cybersecurity	Introduction to Digital Technology Introduction to Cybersecurity Advanced Cybersecurity	CompTIA Security+
	8th grade- Foundations of Interactive Design	Game Design	Introduction to Digital Technology Computer Science Principles (AP or regular) Game Design	Unity Certified Associate
		Web Development	Introduction to Digital Technology Computer Science Principles (AP or regular) Web Development	CIW Site Development Associate
CS beyond the classroom: competition robotics, coding clubs, drone teams	CS beyond the classroom: Competition robotics, coding clubs, drone teams	CS beyond the classroom: CTSOs, competition robotics, Cyber competitions, eSports, coding clubs, drone teams		



What is a Pathway?



A pathway is a sequence of three (3) courses typically taken over three consecutive years with a specific career concentration.

Introduction to Digital Technology

Computer Science Principles

Game Design

SURVEY

INTERMEDIATE

SPECIALIZATION

A student is eligible to take an **End of Pathway Assessment (EOPA)** in the third year that is typically an industry-recognized credential and resume differentiator.



What is an EOPA



Introduction to
Digital Technology

Computer Science Principles

Game Design



Associate

Game Developer

For this example, the EOPA is the **Unity Certified Associate exam.** IT professionals who have earned this certification have an **average salary of \$87,436**.





Pathway, Sequence, Credentialing



Industry Pagagizad

Average



PATHWAY	Course Sequence	Credential(s) (EOPA)	<u>Starting</u> Wage
Computer Science	 Intro to Digital Technology (AP) Computer Science Principles AP Computer Science A 	AP Exams (College Credit) MTA Software Development	\$62,000
Cybersecurity	 Intro to Digital Technology Intro to Cybersecurity Advanced Cybersecurity 	CompTIA Security+	\$59,000
Game Design	 Intro to Digital Technology (AP) Computer Science Principles Game Design 	Unity Certified Associate	\$79,000
Web Development	 Intro to Digital Technology (AP) Computer Science Principles Web Development 	CIW Site Development Associate	\$65,500





Pathways Only Found at Maxwell or Grayson Tech





	Maxwell	Grayson Tech	
ams	Manufacturing	IT Support	
Programs	Flight Operations	Veterinary Science	
Example P	Automotive Collision & Repair	Music Technology (Non-CTE)	
Exar	Fire & Emergency Services	Cybersecurity	









Career & Technical Student Organizations



Examples



Associated Pathways

- Marketing Management
- Fashion Merchandising
- Communications and Promotions



Associated Pathways

- Allied Health
- Exercise Physiology
- Patient Care
- Pharmacy
- Sports Medicine
- Veterinary Science



Associated Pathways

- Audio Visual Tech and Film
- Carpentry
- Electrical
- Welding
- Graphic Design



Associated Pathways

- Engineering and Technology
- Computer Science

Career & Technical Student Organizations (CTSOs) provide students with integral leadership opportunities and further develops a student's skills and success in their focus area, empowering them with experience and knowledge to last a lifetime.



Work-Based Learning



- Paid or unpaid internships
- Ideally aligned to a student's CTE pathway
- Available when 16 years old
- 5 to 20 hours a week
- Receive HS graduation credit(s)





JROTC Units





Central Gwinnett









- **Collins Hill**
- Dacula
- Meadowcreek
- North Gwinnett
- Shiloh



Peachtree Ridge

South Gwinnett

Berkmar

Discovery

Grayson

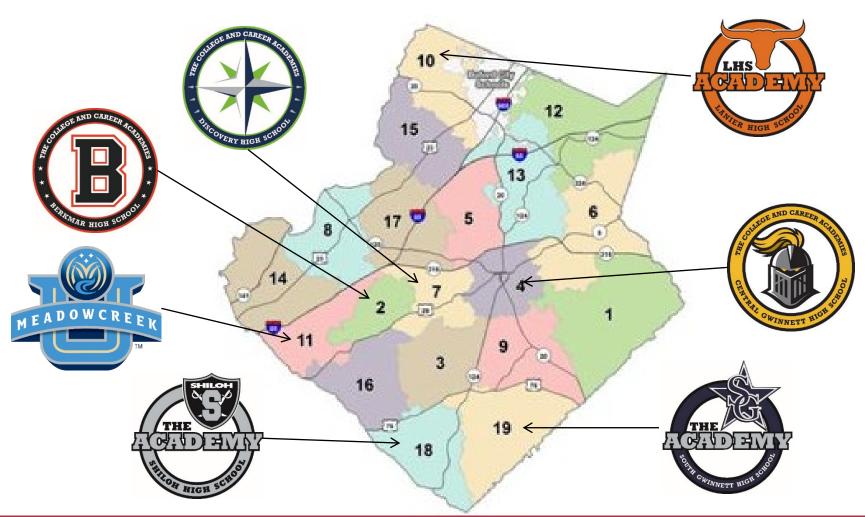
Norcross

Updated October 2020



Academy High Schools







Why Academies?



- Prepare students for college AND careers
- Provide students with voice and choice in their education
- Provide support for transition to postsecondary studies
- Increase academic engagement and graduation rate
- Prepare students to be successful in school and in the workplace, enhancing 21st century skills
- Ensure all students complete a career pathway





Redesigning the High School Experience Small Learning Community

Academy Student Voice & Choice:

- 9th Grade Academy Experience
- Career Themed Academy Selection
- Pathway Choice
- Advanced Career Courses
- Profile of a Graduate
- Capstone

Academy College & Career Focus:

- Dual Enrollment
- AP and/or IB Programs
- Maxwell High School of Technology
- Grayson Technical Program
- Internships (Work Based Learning)

Academy Enrichment Experiences:

- Career Connections (9th Grade)
- Academy Field Trips
- Guest Speaker Series
- Job Shadowing
- School Based Enterprises

Postsecondary Preparation:

Earn Industry Credential (EOPA)
AP or Dual Enrollment Credits
College Acceptance
Apprenticeship
Military Enlistment



Questions?



Contact Us at 678-301-7050

Dr. Kyle Jones | <u>Kyle.Jones@gcpsk12.org</u>
Sallie Holloway | <u>Sallie.Holloway@gcpsk12.org</u>

Learn more at https://gcpsk12.org
Follow Us on Twitter @GCPSCTE and @CS4All_GCPS





Graduation Requirements and Post-Secondary Options

Katrina Cole-Garner and Dr. Demetria Williams
Office of Advisement and Counseling



OFFICE OF ADVISEMENT AND COUNSELING

DR. DEMETRIA WILLIAMS, DIRECTOR

KATRINA COLE-GARNER, COORDINATOR

Graduation Requirements

Students are *required* to pass the High School Gateway Assessment, as well as core classes requiring an End of Course assessment, in order to earn a regular high school diploma.

Subject	Language Arts - LA	Mathematics - MA	Science - SC	Social Studies – SS	Health & Physical Education	Modern or Classical Language*, Fine Arts, Career and Technical Education	Electives	Total
Credits Required	4 Credits; including 1 Credit of 9th Gr. Lit. & Comp., and	4 Credits; including Algebra I, Geometry, and Algebra II	4 Credits; including Biology, Chemistry, Physics, and	3 Credits; including 1 Credit World History, 1 Credit U.S. History,	1 Credit; including .5 Credit Personal Fitness, and .5 Credit Health <u>or</u>	3 Credits (Any Combination)	4 Credits	23 Credits
	1 Credit of 11th Gr. Am. Lit. & Comp.	(or equivalent)	approved 4th Science course	.5 Credit Political Systems, and .5 Credit Economics	3.0 Credits JROTC	a -16		

Gifted and Honors sections are designated in selected subjects by local schools.

^{*2} credits of the same modern or classical language are required for university admissions in the state of Georgia.



College & Career Planning Timeline 9th & 10th Grade

- Take rigorous courses
 - Consider Honors, AP/IB or Dual Enrollment
 - Helps w/academic preparation
 - Helps increase SAT/ACT/ASVAB scores
- Participate in Extracurricular Activities
 - Sports, service clubs, summer programs
 - College Campus sports, academics or personal interests
 - Volunteer place of worship, relative place of work
- Take the PSAT
- Communicate w/the School Counselor
- Arrange for contact w/college students or young professionals



College & Career Planning Timeline 11th & 12th Grade

- Take the PSAT (October) as a junior to practice for the SAT & qualify for National Merit Scholarship
- Explore colleges & careers online search tools, attend college fairs, attend campus visit events
- Take the SAT/ACT in spring of junior year
- Develop a list of target colleges, workforce training and/or apprenticeship programs
- Search for scholarships & discuss a financial aid plan as a family
- Complete the FAFSA & CSS Profile
- Make the summers count!

Grade Level Checklists

- Hard copies available in school counseling office & on GAfutures.org
- Allows for conversations to start early & send the message that postsecondary planning is expected
- Help students and families prepare
- 9th/10th Grade Checklist
- 11th/12th Grade Checklist









Postsecondary Options

Apprenticeships



PAID JOB

EARN A COMPETITIVE WAGE



EDUCATION

GAIN KNOWLEDGE FROM ON-THE-JOB LEARNING AND JOB RELATED CLASSROOM TRAINING



CREDENTIALS

EARN A PORTABLE CREDENTIAL WITHIN YOUR INDUSTRY



Apprenticeship Types

- Electricians: residential & commercial
- Finishing Trades: painting, wallpapering, drywall finishing
- Plumbing, heating and cooling
- Roofers
- Utility Contractors
- Welding, pipefitters and service technicians
- And many more

Four Year Colleges

Admissions

- Academic History
- Strength of Curriculum
- Standardized Test Scores
- Demonstrated Interest
- Community Involvement & Recommendation Letters
- HOPE/Zell Scholarship
- Take advantage of on campus programs
 - Campus Visits
 - Program Specific Programs
 - Fly-Ins





Two-Year Colleges

- Georgia State Perimeter College
 - Associate Degree
- Gwinnett & Lanier Technical College
 - Certificate, Diploma & Degree Programs
 - 6 months to 2 years
 - Tuition <u>FREE</u> Programs in 17 High Demand Career Fields

Workforce Training Opportunities

- Georgia Vocational Rehabilitation Agency
 - Pre-Employment Transition Services
- Goodwill of North Georgia Career Center
 - Hospitality
 - Forklift
 - Logistics
 - Supply Chain Management



Military

Enlistment

- ASVAB (Armed Services Vocational Aptitude Battery)
- Pass a physical examination

Military Service Academies

- Rigorous <u>college education</u> w/tuition covered in exchange for service upon graduation
- Secure a congressional <u>nomination</u> to be considered for appointment
- Commissioned as an officer upon graduation

JROTC (Reserve Officers' Training Corps)

 Offered at 30 colleges and prepares students to become officers in the U.S. military





Paying for College

CSS Profile

- Private and public colleges & universities
- Institutional aid
- More extensive than the FAFSA

FAFSA

 Federal Student Grants & Loans, Federal Work Study

GSFAPPS

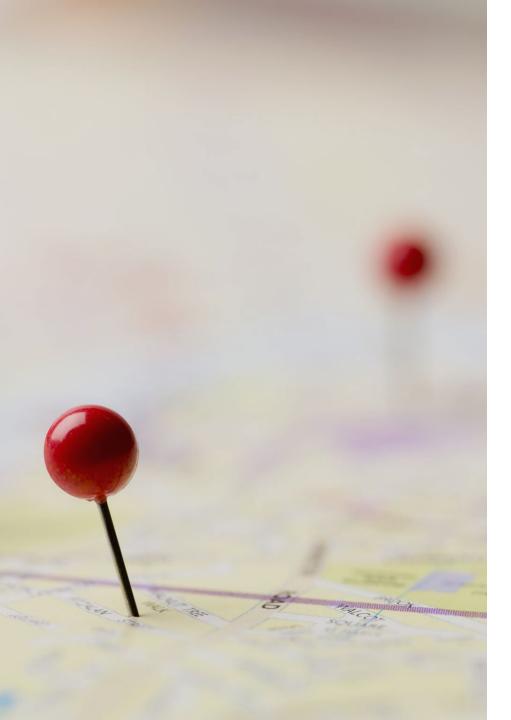
HOPE Programs

- HOPE/Zell Miller Scholarships
- HOPE Grant
- HOPE Career Grant

Preparing to Compete for Scholarships

- Get involved at school and/or your community in 9th Grade
- Think QUALITY over QUANTITY
- Gradually move into leadership roles
- Keep track of hours, experiences & encounters
- Review Common Application Essay prompts at end of 10th grade and 11th grade year for essay ideas and practice
- Ask yourself the question: "How can I use my talents to improve my community and beyond?"





RESOURCES

- https://www.collegeboard.org/
- https://www.apprenticeship.gov/career-seekers
- https://www.byf.org/
- https://www.fti.edu/
- https://collegecost.ed.gov/net-price
- https://www.uaspire.org/For-Students/College-Cost-Calculator
- www.ibew.org
- http://southeasterncarpenters.org/
- http://ua72.org/
- http://www.ua.org/
- https://bigfuture.collegeboard.org/pay-forcollege/bigfuture-scholarships

Thank You

Office of Advisement and Counseling

Dr. Demetria Williams, Director demetria.williams@gcpsk12.org





Study Skills and Parent Resources

Milena Fuentes Federal and Special Programs Specialist



Time Management & Organizational Skills

Parents, encourage your child to...

- Create a schedule
- Remove distractions
- Set goals and prioritize tasks
- Work on assignments early
- Break big projects into smaller tasks
- Work on one thing at a time
- Take frequent breaks
- Get plenty of sleep

- Use an agenda or planner
- If applicable, keep his/her locker and backpack organized
- Utilize an organization system that works for your child i.e., use different color folders for each class, and/or use notebooks for each subject.





Gwinnett County Public Library

- In partnership with the Gwinnett County Public Library (GCPL), GCPS provides Tutor.com as an online tutoring resource for students.
- Live tutoring support is available daily from 8 a.m. to 10 p.m.
- In addition, students can receive "drop-off support," 24-7, by uploading a document for tutor feedback that will be reviewed and returned at a later time.
- Tutor.com Resources









GCPS Parent Portal

- The Parent Portal gives parents access to grades, assignments, and communication with teachers.
- The Parent Portal gives families a direct line to the classroom, with 24/7 real-time information and anytime, anywhere access, with in-portal translation in multiple languages.
- And that's just the beginning...
- GCPS Parent Portal



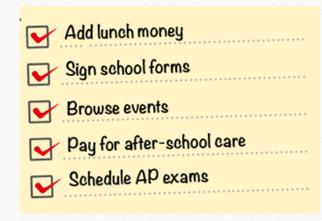
PORTAL LOG-IN PARENT PORTAL INFORMATION
User ID
Password
Forgot username/password?
LOGIN



GCPS MyPaymentsPlus

- MyPaymentsPlus is an online tool to streamline payments for school meals, fees, and activities.
- School-related payments in one place.
- Pay for meals, view cafeteria purchases, receive low balance alerts, or enroll in autopay.
- Access and sign digital school forms and documents
- MyPaymentsPlus.com







EVALUATION



Thank you for your time and feedback!

Please complete a brief evaluation about our session. Use the QR code on the screen or the link provided in the chatbox.

Por favor complete una breve evaluación sobre esta reunión. Use su teléfono para escanear el código QR que está en la pantalla o el enlace que está en el chat de mensajes. Gracias.

