

**Exploring Non-traditional and Emerging Careers**  
**8<sup>th</sup> Grade Advisement Activity**  
**Estimated time: 30 Minutes**

**Georgia Teachers-As-Advisors Framework**

**Goal 6-1.3** Use accurate, current, and unbiased career information from the local, state, and national levels during the career exploration and planning process.

- a. Locate and explore career information that includes occupational, education and training, employment, and economic information
- b. Define and identify nontraditional occupations
- c. Define and identify new and emerging occupations

**Objectives:**

- Students will be able to identify nontraditional occupations and discuss new and emerging occupations.
- Students will be able to use Georgia Department of Labor resources to locate this information.

**Materials:**

- [www.GACollege411.org](http://www.GACollege411.org) website
- Paper and Pencil
- Handout #1 – Georgia Department of Labor HOT Jobs  
[http://explorer.dol.state.ga.us/mis/current/hot\\_careers\\_current.pdf](http://explorer.dol.state.ga.us/mis/current/hot_careers_current.pdf) 2-page document print front and back to save paper

**Activity:**

*1. Say:* Welcome to advisement. Today we are going to do a little survey. I am going to read a story. When I say a person's name or occupation, your task is to write down whether you think this person is male or female. Then we'll talk about your answers. Take out a sheet of paper and number from 1 – 13. I will say the number so you will be ready to respond whether this person is M for Male or F for Female. Ready?

*2. Say:* "Once upon a time there were two students, named Leslie (1) and Cameron (2). They were siblings so they fought a lot. This particular afternoon Leslie and Cameron went for a walk in the woods. They heard a great commotion, so they went toward the sound. They heard a saw and the neighborhood woodcutter (3) slicing the branches off of a fallen tree.

"What are you doing?," asked Cameron.

The woodcutter replied, "I am getting branches ready to use for firewood in the fall.

Leslie noticed blood dripping and said, "Oh No, you cut your finger. It is really bleeding!"

The woodcutter replied, "Yes, I know. I need to go to the clinic in town. Will you run home and tell your neighbor, Alex (4), that I will return the tools I borrowed tomorrow?"

"Of course," replied Leslie.

The next day, the twins were worried about the woodcutter. They asked their babysitter (5) to call the woodcutter to see if all was well. The woodcutter asked to speak to the twins and replied, "How nice of you to think about me. I am fine. Dr. Barnes (6) at the clinic stitched me up good as new. I even got some pain medication from Nurse Cummings. (7). I won't be able to operate that forklift for a while, though. Guess I will have to call my cousin, Bailey (8), to help."

“Isn’t Bailey the one who is the photographer (9)?” asked Cameron. I want to learn how to use photo editing equipment.

The woodcutter responded, “Bailey loves to teach new recruits about photography, but is very busy now. It’s wedding season, you know. But, there is a new coach (10) at the high school that has lots of experience with photography - just got back from a safari, I heard. That might be a good person to contact.”

“Really? Great! Sounds like a plan,” replied Cameron. Just then a helicopter flew overhead drowning out the conversation. “Sorry,” Cameron said to the woodcutter. “That helicopter pilot (11) sure is flying low. Wonder what the story is up there?”

“Maybe you won the lottery,” joked the woodcutter. Or maybe the pilot is part of the police force (12). There are some speeders (11) on the highway today.”

“I’ll just hope it’s someone from the lottery (13). I feel lucky today!” said Cameron.

3. Put numerals 1 – 13 on the board with M and F beside each numeral. Ask students whether the person in the story was Male or Female. Indicate student gender choices beside each numeral.

Eg. 1

6M

12 F

Discuss why students were not in agreement about gender. Some responses might be name choice or occupation. Say, This is an example of gender bias. It’s putting someone into a gender role that has no basis in fact.

Say, Actually the characters in this story could be either male or female.

1. Student A Leslie	7. Nurse Cummings
2. Student B Cameron	8. Cousin Bailey, photographer
3. Woodcutter	9. Coach
4. Neighbor, Alex	10. Helicopter pilot
5. Babysitter	11. Police officer
6. Dr. Barnes	12. Highway speeder
	13. Lottery official

In today’s work world, more and more careers are genderless – that is, these careers are chosen by both males and females. It is important to find out about yourself, your interests, your abilities, and your values when selecting a future career. Don’t let your gender be your guide. Explore all your options.

4. Say: For more information about a specific career or career fields that will be in demand in the next ten years, go to [www.GAcollge411.com](http://www.GAcollge411.com) under the CAREER PLANNING tab. The GAcollge411 website provides up to date information on careers in Georgia provided by the Georgia Department of Labor.

5. Hand out HOT list of occupations. Say: Here is a list of HOT occupations, or careers that are projected to be in demand in the State of Georgia in the next 10 years. Allow students time to review HOT jobs.

Ask: Do any of you seek something that appeals to you? If so, remember you can explore those careers on GAcollge411 under the tab CAREER PLANNING.

6. Say, There is a wonderful career waiting for you in your future. With information about yourself, and research about the emerging occupational needs in our state, you will be in a position to make a wise choice for your future.

# Georgia's **HOT** Careers to 2016

The careers in this chart have it all!

	Personal Skills and Abilities										Work Characteristics					Occupational Characteristics			
	Math skills	English skills	Science skills	Computer skills	Artistic/creative skills	Persuasive/interpersonal skills	Mechanical ability	Leadership/management ability	Overnight/travel work sites	Hand-on, duties/conditions	Operates machines or equipment	Outdoor work	Irregular work schedule	Job stress/pressure	Physically demanding	Economically sensitive	Geographically concentrated	Average wages	Expected annual job openings
<b>More than a Bachelor's Degree</b>																			
Administrative Services Managers	○	○	○	○	●	●	○						○				34.61	390	
Business Teachers, Postsecondary	○	○	○	○									○				82.520*	110	
Clinical, Counseling, & School Psychologists		●	○	○	○		●						○	○			29.87	140	
Computer & Info Systems Managers	●	●	●	●		○	●						○		○		52.86	330	
Dentists, General	○	○	●	○	○	○			○	●				○			79.60	160	
Ed Administrators, Elem & Secondary School	○	●	○	○	○	●	●						○	○			81,338*	370	
Ed Administrators, Postsecondary	○	●	○	○	○	○	●						○	○			41.62	160	
Education Teachers, Postsecondary	○	○	○	○	○	○	○						○				72,079*	150	
Educational, Vocational, & School Counselors	○	○	○	○	○	○	○						○	○			26.40	250	
Health Specialties Teachers, Postsecondary	○	○	●	○									○				92,088*	140	
Instructional Coordinators	○	○	○	○	○								○				26.74	360	
Internists, General	○	●	●	○	○	○		○	●	●			○	○			84.14	110	
Librarians		○	○														27.95	160	
Management Analysts	○	●	○	○	○	○	○						○	○			42.92	890	
Medical & Health Services Managers	○	○	○	○	○	○	○						○				39.10	310	
Music Directors & Composers			○	○	○	○	○						○		○		25.07	120	
Pharmacists	○	●	●	○	○	○							○	○			48.71	310	
Physical Therapists		○	○	○	○	○					○		○	○			35.65	150	
Producers and Directors		○	○	○	○	○	○						○				37.92	110	
Veterinarians	○	○	○	○	○	○				○	○		○				36.96	110	
Voc Ed Teachers, Postsecondary	○	○	○	○	○	○	○						○	○			23.60	200	
<b>Bachelor's Degree</b>																			
Accountants & Auditors	○	○	○	○	○	○				○			○	○			31.32	970	
Compensation, Benefits, & Job Analysis Specialists		○	○	○	○	○	○							○			25.45	100	
Computer Software Engineers, Applications	●	●	●	○	○	○					○						41.31	620	
Computer Software Engineers, Sys Software	●	●	●	○	○	○											40.24	440	
Computer Systems Analysts	●	●	●	○	○	○	○						○	○			37.59	930	
Construction Managers	○	○	○	○	○	○	○						○	○	○		37.16	500	
Database Administrators	○	○	○	○	○	○	○						○	○			35.71	130	
Elem School Teachers, Exc Special Ed	○	○	○	○	○	○	○						○	○	○		49,580*	2,800	
Employment, Recruitment, & Placement Specialists	○	○	○	○	○	○	○							○			26.05	250	
Financial Analysts	○	○	○	○	○	○							○				37.75	200	
Industrial Engineers	○	○	○	○	○	○				○							35.07	210	
Kindergarten Teachers, Exc Special Ed	○	○	○	○	○	○	○						○	○	○		45,520*	350	
Logisticians	○	○	○	○	○	○							○	○			31.68	120	

Fast job growth ✓ Above average wages ✓ At least 100 expected annual job openings

[www.dol.state.ga.us/wp/lmi\\_publications.htm](http://www.dol.state.ga.us/wp/lmi_publications.htm)

Georgia Department of Labor • Michael L. Thurmond, Commissioner  
Equal Opportunity Employer/Program • Auxiliary Aids and Services Available upon Request to Individuals with Disabilities

# Georgia's **HOT** Careers to 2016

The careers in this chart have it all!

	Personal Skills and Abilities										Work Characteristics					Occupational Characteristics				
	Math skills	English skills	Science skills	Computer skills	Artistic/creative skills	Persuasive/interpersonal skills	Mechanical ability	Leadership ability	Travel between work sites	Overnight travel	Have to be away from home	Operate machines or equipment	Outdoor work	Irregular work schedule	Job stress/pressure	Physically demanding	Economically sensitive	Geographically concentrated	Average wages	Expected annual job openings
<b>Bachelor's Degree (Continued)</b>																				
Med & Clinical Lab Technologists	○	○	●	○							●	●	○					25.19	180	
Med & Public Health Social Workers		●	○		●		●						○	○				21.16	130	
Middle School Teachers, Exc Spec & Voc Ed	○	●	○	○	○	○							○	○	○			50,220*	1,230	
Network & Computer Systems Administrators	●	○		●	○			○	○				○	○				33.43	410	
Network Systems & Data Communications Analysts	●	●	●	●	○		●	○	○				○	○	○			34.17	650	
Personal Financial Advisors	●	○		○	○	○							○	○	○			37.47	130	
Physician Assistants	○	●	●	○	●		○		●	○		●	●	○				38.82	120	
Secondary School Teachers, Exc Spec & Voc Ed	○	●	○	○	○	○							○	○	○			50,236*	1,260	
Social & Community Service Managers		○		○	○	○	●	○	○									29.38	120	
Spec Ed Teachers, Preschool, Kindgrtn, & Elem School	○	●	○	○	○	○							○	○	○			51,005*	390	
Special Ed Teachers, Middle School	○	●	○	○	○	○							○	○	○			51,507*	190	
Special Ed Teachers, Secondary School	○	●	○	○	○	○							○	○	○			52,056*	180	
Training & Development Specialists		○	○	○	○	○	○	○	○									26.86	380	
Writers & Authors		●	○	○	○								●	○				24.07	110	
<b>Associate's Degree or Postsecondary Vocational Training</b>																				
Computer Support Specialists	●	○		●	○			○	○				○	○				21.05	970	
Dental Hygienists		○	○		○						●	●	○	○				30.15	290	
Paralegals & Legal Assistants		●	○	○	○		○						○	○				24.01	240	
Radiologic Technologists & Technicians	○	○	○	○	○						●	●	●					23.17	190	
Registered Nurses	○	●	●	○	●						●	○	●	●				28.48	3,010	
Respiratory Therapists	○	●	●		●						○	●	○	○				23.59	150	
Bus & Truck Mechanics & Diesel Engine Specialists	○		○	○		●					○	○						19.76	360	
<b>Work Experience in a Related Occupation</b>																				
Cost Estimators	●	○	○	○				●				○						29.73	240	
Detectives and Criminal Investigators		○		○					○	○		○	○	○				25.53	170	
Executive Secretaries & Administrative Assistants				○	○	●							○					19.13	1,480	
Food Service Managers		○	○	○	○	○	●					●	●	○				29.02	310	
Supervisors of Landscaping, Lawn Service, & Groundskeeping Workers				○	○	○	○	●				○	○					19.40	210	
<b>Long-term on-the-job Training</b>																				
Coaches and Scouts				○	●		○				○	○	○	○				19.85	150	
Electrical Power-Line Installers & Repairers	○	○			○	○	○	○	○	○	○	○	○	○	○			22.37	320	
Mobile Heavy Equipment Mechanics, Exc Engines	○		○		○	○	○	○	○	○	○	○	○	○	○			19.62	180	
Telecommunications Line Installers and Repairers	○	○			○	○	○	○	○	○	○	○	○	○				19.49	150	
<b>Moderate-term on-the-job Training</b>																				
Advertising Sales Agents	○	●		○	○	○	○	○	○	○	○	○	○	○	○			29.99	250	

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For more information, please contact Bill Webb at (404) 232-3875 • Fax (404) 232-3888

Email: [Workforce\\_Info@dol.state.ga.us](mailto:Workforce_Info@dol.state.ga.us)

Kathy Cox, State Superintendent of Schools

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