

Labor Market Info (Supply and Demand) 8th Grade Advisement Activity Estimated time: 30 Minutes

Georgia Teachers-As-Advisors Framework

Goal 8-1.3 - Use accurate, current, and unbiased career information from the local, state, and national levels during the career exploration and planning process.

- a. Locate and utilize career information that includes occupational, education and training, employment, and economic information.

Objectives:

- Students will identify careers that are of interest to them
- Students will understand the concepts of high-wage, high-demand, and high-skilled
- Students will be able to identify whether or not certain careers are “hot” jobs and in high demand

Materials:

- Handout #2: Georgia’s “Hot” Careers to 2016 -2 pages/print front and back to save paper

Activity:

1. *Say:* Hello! Welcome to advisement today. We are going to talk about your futures again today. Your future will involve working a job to earn a living to take care of yourself and perhaps a family. Preparing for that job is critical---yes critical. You want to be prepared when the time comes. How many of you ever had a lemonade stand when you were little? *Entertain responses.* Tell us about it. *Entertain discussion.* *Ask:* Did you make any money? Why or why not? *Distribute the handout.* *Today we are going to analyze a chart prepared by the Georgia Department of Labor. They have identified occupations that are considered ‘hot’ jobs.*

2. *Say:* “There are many careers on the chart arranged by educational levels. *Ask for a volunteer to read each level beginning with Bachelor Degree or more.* *Explain:* Usually the education and/or training one has the more income they can expect. *Say:* Let’s talk about your choices in three categories: DEMAND, WAGES, and SKILL LEVEL- *Write these terms on the board or flip chart.* You will want to look for occupations that have high-demand, high-wages and high-skills. Why search for anything less than that? We all want to make money, find a job and have the skills to perform that job! So let’s begin..

3. *Say:* Listen while I explain each of these terms.

- **Demand** refers to the needs for workers in that occupation. One example of a high-demand career is nursing. Nursing is a high-demand career because there is a great need for nurses especially Registered Nurses. Usually if an occupation has more than 100 expected job openings annually it is considered HIGH-DEMAND. Find Registered Nurse on your chart. What level of education does it demand? *Write on the board or flip chart next to DEMAND = NEED*
- **Wages** refers to the amount of money one can expect to make at a specific job. A high wage job is one in which the person can expect to make more than about \$34,200 dollars annually. An example of a high-wage occupation is a dental hygienist. According to this document a dental hygienist has an average wage of \$30.15 per hour. Find Dental Hygienist on your chart. What level of education does a dental hygienist demand? *Write next to the word WAGES=MONEY*

- **Skills** refer to the degree of expertise in that field. Some careers are highly skilled, requiring a special talent or significant education beyond high school, such as becoming a veterinarian. Generally low skill jobs receive pay at the lower end of the pay scale, while high skill occupations are highly paid professions. Every occupation on this chart has been identified as high-skilled. *Write on the board or flip chart next to the work SKILLS = EXPERTISE.*

4. *Say:* There is a career for everyone. The important thing is that you do the planning and research to “do what you love”. Why shop for just any job when you can be selective and find that high-skilled, high-wage, high-demand job! Please review this chart and check or highlight which occupation you may want to research further. Then go to the Gacollege411 web site under the CAREER PLANNING tab to “Explore Careers” to “Georgia’s Hot Jobs” for more information about each occupation that falls under the educational levels. You can use your home computer or one in the media center for your research. Remember to record your findings in your 411 Portfolio. Well, that’s it for today. Have a great day and I will see you next time. Remember, be there, be on time and be attentive!!!

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 managerial ability	Overnight travel away from home	Hazardous 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
More than a Bachelor's Degree																				
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
Bachelor's Degree																				
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

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/managerial ability	Travel between work sites	Overnight travel/away from home	Hazardous duties/conditions	Operates machines or equipment	Outdoor work	Irregular work schedule	Job stress/pressure	Physically demanding	Economically sensitive	Geographically sensitive	Average wages	Expected annual job openings		
More than a Bachelor's Degree																						
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		
Bachelor's Degree																						
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