



Dr. John D. Barge, State School Superintendent
"Making Education Work for All Georgians"

Georgia Department of Education
Grade 2 Career Development Activity
Health Science
Estimated Time: 45 minutes

Goal

- Students will identify **Health Science** as a Georgia career cluster

Objectives

- define a career cluster as a grouping of occupations with common skills and knowledge
- identify sample occupations aligned with the **Health Science** career cluster

Aligned Indicators and Standards

National Career Development Guidelines Indicators

- CM3.K4 Identify several ways to classify occupations
- PS2.A1 Demonstrate effective communication skills
- ED2.A7 Demonstrate participation in informal learning experiences

American School Counselor National Standards

- C:B1.4 Know the various ways in which occupations can be classified
- PS:A2.6 Use effective communication skills
- PS:A1.9 Demonstrate cooperative behavior in groups
- A:A3.5 Share knowledge

Related Georgia Performance Standards (GPS) and Common Core GPS

- S4CS8 – Student will understand important features of the process of scientific inquiry. Students will apply the following to inquiry learning practices:
(d) Science involves many different kinds of work and engages men and women of all ages and backgrounds
- ELACC2SL1 – Participate in collaborative conversations with diverse partners about grade 2 topics and texts with peers and adults in small and larger groups

Materials

- Georgia's Career Clusters Chart
- occupational frame
- drawing paper, crayons, colored pencils or markers
- "Matching **Health Science** Occupations" and pictures (pages 4-6)



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Activity

- Say: "Today we're going to learn about occupations in the **Health Science** career cluster." *Remind students:* "A career cluster allows us to organize occupations into groups that are similar."
- Say: "The **Health Science** career cluster includes jobs in determining if you are sick, treating you if you are sick and finding cures for sicknesses." *Write the definition on the board.* Say: "Now what do you think are the most obvious jobs in taking care of your health? Maybe doctors and nurses? Absolutely. Did you know that there are many different kinds of doctors and many other health related occupations?"
- Say: "Let's start at the top of your head." *Point to your eyes.* "The doctor who takes care of your eyes is called an ophthalmologist. Say that with me, ophthalmologist." *Write ophthalmologist on the board.* Say: "That's a great word, let's say it again." Ask, "Has anyone ever been to an ophthalmologist? If you have, tell us about your visit." *Allow students time to respond.*
- *Point to your ears.* Say: "Do you know what the person who takes care of your hearing is called? An audiologist. Say that with me, audiologist." *Write audiologist on the board.*
- *Point to your teeth.* Say: "The doctor who takes care of your teeth is called a dentist. Say that with me, dentist." *Write dentist on the board.* Ask, "Has anyone ever been to a dentist? If you have, tell us about your visit." *Allow time for students to talk about their experiences.*
- Say: "Now, let's look at your skin. Do you know what you call a doctor who takes care of your skin is called? A dermatologist. Say that with me, dermatologist." *Write dermatologist on the board.* Ask, "Has anyone ever been to a dermatologist? If you have, tell us about your visit." *Allow time for discussion.*
- Ask: "So, who takes care of your eyes?" *Point to the word, have students repeat it.* Ask: "Who takes care of your ears?" *Point to the word, have students repeat it.* "Who takes care of your teeth?" *Point to the word, have students repeat it.* Ask: "Who takes care of your skin?" *Point to the word, have students repeat it.* Say: "Some of those words are fun to say. Very good! Those are some great words!"
- Say: "There is even a special group of doctors who treat children. I'll bet some of you go to one of those doctors. The doctor who takes care of children is called a pediatrician. Say that with me, pediatrician." *Write pediatrician on the board.* Say: "There is another group of doctors who operate on people when they have to have their tonsils taken out or their appendix taken out. The doctor who operates on people is called a surgeon. Say that with me, surgeon." *Write surgeon on the board.* Ask, "Has anyone ever been to a surgeon? If you have, tell us about your visit." *Allow time for discussion.*
- Say: "Doctors and nurses aren't the only people who work in health science. Everyone knows about nurses and doctors. There are many other health related occupations in this cluster. For instance, who do you take your prescription to when you need medicine? Not a doctor or a nurse, right? No, you take the prescription to a pharmacist. Say that with me, pharmacist." *Write pharmacist on the board.* Ask: "Who helps you and your family if you are in an accident on the highway and need medical attention? Emergency



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Medical Technician (EMT). *Write Emergency Medical Technician on the board. Ask: "Do you know what you call a person who keeps medical records? For example, when you go to the doctor they make a record of your visit: why you came, what was wrong with you and what medicine they prescribed. That person who keeps those records is called a Medical Records Technician." Write Medical Records Technician on the board.*

- *Say: "There are many other occupations in the **Health Science** cluster. Let's just think about a hospital for a moment. The people, who check you into the hospital, work in health science. The people who drive the ambulances work in health science. And think about all the machines that are in hospitals, like x-ray machines that look at your bones and other machines that can look at your brain and muscles. There are machines that can see your blood and machines that run tests to discover illnesses. And guess what? All of these people who work with these machines work in the **Health Science** career cluster. So, when you think of health science, are you going to think about just doctors and nurses? No! Because there are many people who work in health science doing all types of jobs other than doctors and nurses."*
- *Say: "Let's have a little fun with this career cluster. See how many different types of doctors you can name." Ask students to name them, write the names and illustrate with picture—i. e. audiologist—draw an ear; or, utilize the matching pictures on pages 3-5. Make multiple copies of the pictures on pages 3-5 (cut out and laminate for future use); divide the class into groups; ask each group to match the pictures. For example, find the picture of the audiologist then match it with the ear. Allow students time to complete the task. Check their answers.*
- *If time permits, ask students to draw a picture of one of the types of health workers discussed and write why this occupation is important. Let students volunteer to explain their drawings to the class and then display them on the bulletin board. Say: "I love learning about different types of occupations. I want you to have a great day and keep thinking about what you want to be when you grow up. Tell your family about all the new words in health science you heard today."*



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Evaluation

- Students will be evaluated on their class participation and their drawings (if time permits)

Enhancement

- Facilitator should consult with the media specialist to help select books related to the career cluster being taught. This will ensure books are appropriate for the grade level and for the learner.
- Facilitators should consult with the media specialist in the school to help select books related to the career cluster being taught. This will ensure books are appropriate for the grade level and for the learner.

DISCLAIMER

The sources and web links listed in the activities may be of help to you as you consider the career awareness activities. While these sources are provided to assist you in your search, it is your responsibility to investigate them to determine their value and appropriateness for your situation and needs. These sources are provided as a sample of available resources and are for informational purposes only. THE GEORGIA DEPARTMENT OF EDUCATION DOES NOT MONITOR, EVALUATE, OR ENDORSE THE CONTENT OR INFORMATION OF THESE RESOURCES. NONE OF THESE RESOURCES SHOULD BE CONSIDERED THE ADVICE OR GUIDANCE OF THE GEORGIA DEPARTMENT OF EDUCATION.

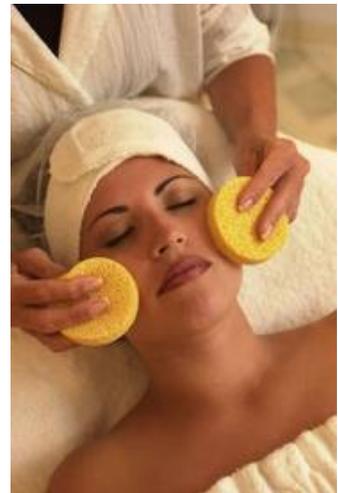


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Matching Health Science Occupations and Pictures (www.images.google.com/)





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<u>Georgia's Career Clusters:</u> Groupings of occupations with common knowledge and skills	
Cluster	Cluster Description
Agriculture, Food & Natural Resources	Careers with common knowledge and skills related to production, processing, marketing, financing, distribution, and development of agricultural commodities and resources. These commodities include food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.
Architecture & Construction	Careers with common knowledge and skills related to the designing, planning, managing, and building of structures.
Arts, A/V Technology & Communications	Careers with common knowledge and skills related to designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.
Business, Management & Administration	Careers with common knowledge and skills related to the preparation of students with computer skills for future college and career plans. Cluster skills mastered include planning, organizing, directing, and evaluating as well as owning and operating a successful business.
Education & Training	Careers with common knowledge and skills related to planning, managing, and providing education and training services as well as related learning support services.
Energy	Careers with common knowledge and skills related to preparing individuals for careers in the design, planning, maintaining, generating, transmission and distribution of traditional and alternative energy.
Finance	Careers with common knowledge and skills related money management, including planning, investing, and spending. Students gain career development skills for the finance world with opportunities that expand beyond basic business skills into financial literacy, banking, investing, insurance, and risk management.
Government & Public Administration	Careers with common knowledge and skills related to the planning and performing of government management and administrative functions at local, state, and federal levels. Careers are available in national security, foreign service, revenue, and regulations.



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<p>Health Science</p>	<p>Careers with common knowledge and skills related to planning, managing, and providing services in therapeutics, diagnostics, health informatics, support areas, and biotechnology research and development</p>
<p>Hospitality & Tourism</p>	<p>Careers with common knowledge and skills related to the management, marketing, and operations of restaurants, and other food services, lodging, attractions, recreation events, and travel related services.</p>
<p>Human Services</p>	<p>Careers with common knowledge and skills related to family and human needs such as nutrition and food science, counseling and mental health services, family and community services, personal care, and consumer services.</p>
<p>Information Technology</p>	<p>Careers with common knowledge and skills related to the preparation for careers that create, use, modify, and engage technology skills. Graphics, multimedia animation, web design, game and application development, networking, and computer repair are all possibilities.</p>
<p>Law, Public Safety, Corrections & Security</p>	<p>Careers with common knowledge and skills related to employment in emergency and fire services, legal services, protective services, and homeland security.</p>
<p>Manufacturing</p>	<p>Careers with common knowledge and skills related to the processing of materials into intermediate or final products and related professional and technical support activities, such as production control, maintenance, and process engineering.</p>
<p>Marketing</p>	<p>Careers with common knowledge and skills related to the process of anticipating, managing, and satisfying consumers' demand for products, services, and ideas. The Marketing career cluster generates the strategy that underlies advertising and promotional techniques, business communication, and business development.</p>
<p>Science, Technology, Engineering & Mathematics</p>	<p>Careers with common knowledge and skills related to planning, managing, and providing scientific research and professional and technical services.</p>
<p>Transportation, Distribution & Logistics</p>	<p>Careers with common knowledge and skills related to planning, managing, and moving people, materials, and goods by road, pipeline, air, rail, and water, and also includes other related professional and technical support services.</p>