



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

Georgia Department of Education
Grade 1 Career Development Activity
Transportation, Distribution & Logistics
Estimated time: 45 minutes

Goal

- Students will identify **Transportation, Distribution & Logistics** as a Georgia career cluster

Objectives

- define a career cluster as a grouping of occupations with common skills and knowledge
- identify sample careers aligned with the **Transportation, Distribution & Logistics** 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 Standard (GPS) and Common Core GPS

- SS1E1 The student will identify goods that people make and services that people provide for each other
- ELACC1W8 With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a question
- ELACC1SL5 Add drawings or other visual displays to descriptions when appropriate to clarify ideas, thoughts, and feelings

Materials

- Georgia's Career Clusters (in an effort to be cost effective, it is recommended that the Georgia's Career Clusters charts be laminated and reused during each cluster activity; print on front and back to save paper)
- occupational frame
- coat hangers, string, hole punch, magazines, scissors
- handout, Grade 1 "Transportation"



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

Georgia Department of Education
Grade 1 Career Development Activity
Transportation, Distribution & Logistics
Estimated time: 45 minutes

Activity

- *Say:* "Today we will be learning about careers that have to do with transportation, which is getting things from one place to another and delivered on time." *Ask:* "Why do you think it is important that we have occupations that help move goods and services from one place to another and that the goods or services be on time?" *Allow students time to answer. Ensure they understand the importance to their family, their community and the world.*
- *Say:* "The activity today will focus on the career cluster, **Transportation, Distribution & Logistics.**" *Write: **Transportation, Distribution & Logistics** on the board or flip chart.* *Say:* "Remember a career cluster will allow us to organize occupations into large groups that are similar."
- *Ask:* "How do you get to school?" *Possible answers: on the bus, in a car, in a van, in a truck, etc. Allow students to discuss the question. Write all of their appropriate answers on the board.* *Say:* "Those are forms of transportation for getting children from home to school and back, safely and on time. There are many other ways people have to get from one place to another. *Ask:* "What are some other ways people or products get from place to place?" *Possible answers: bus, car, train, plane, boat, etc. Allow students to discuss the question and the write some of their answers on the board.* *Ask:* "What types of transportation are used to move goods, like food or lumber, from one place to the other?" *Allow time for students to respond. Possible answer might include: trucks, wagons, trains, airplanes, ships, tractors.*
- *Help students sort the types of transportation on the list by LAND, WATER and AIR. See the attached **Transportation, Distribution & Logistics** occupational frame for a list of occupations aligned with this cluster.* *Say:* "I want you to think about the occupations you might see with each type of transportation." *Help them to visualize that type of transportation and the associated occupations. Write LAND, WATER, AIR on the board. List the occupations associated with each type of transportation from their thoughts. For example, bus driver/LAND.*
- *Divide students into groups of 2 or 3. Provide the materials needed to create a mobile of different types of transportation (suggested materials: coat hangers, string, hole punch, magazines [pictures are provided on pages 4 and 5], scissors) Students should find pictures of at least one mode of transportation and an aligned occupation by air, one by sea and one by land to hang from the mobile.*
- *Once students have completed the assignment, hang the mobiles around the room.*
- *If time permits. Say:* "Now that we've learned about transportation today, I want you to think for a minute about all the ways we move things and people from one place to another and then I want you to draw a picture of you working in some type of occupation in transportation. *Ask:* "Will you work on the land? On the sea? Or in the air?" *Allow time for students to draw.*
- *Say:* "I hope you enjoyed creating your mobiles. I will enjoy looking at your mobiles hanging from the ceiling for the next few days. You did a great job! Have a great day!"



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

Georgia Department of Education
Grade 1 Career Development Activity
Transportation, Distribution & Logistics
Estimated time: 45 minutes

Evaluation

- Students will be evaluated on their drawing and participation in the activity

Enhancement

- Facilitator 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.
- Invite guest speakers representing an occupation from the cluster.
- Utilize the pictures of transportation-related occupations and types of transportation on pages 4 and 5 to create a matching game where students match the person representing the occupation to the type of transportation. The individual pictures may be duplicated laminated for multiple uses, and cut into individual pieces. Each student should have his or her own set of pictures to manipulate. Images are from Google images and Microsoft clip art.

DISCLAIMER

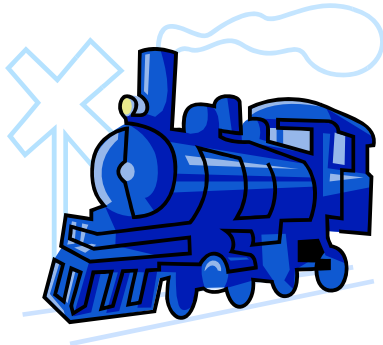
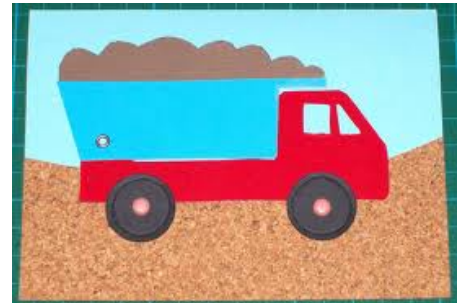
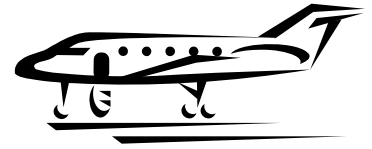
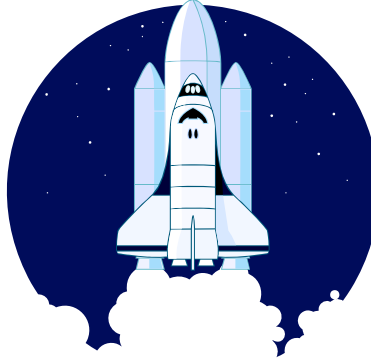
The sources and web links listed in the activities may be of help to you as you consider the career awareness activities. While these sources are provided to assist you in your search, it is your responsibility to investigate them to determine their value and appropriateness for your situation and needs. 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.



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

Georgia Department of Education Grade 1 Career Development Activity Transportation, Distribution & Logistics Estimated time: 45 minutes

Grade 1 Transportation On-line Clip Art





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


Georgia Department of Education Grade 1 Career Development Activity Transportation, Distribution & Logistics Estimated time: 45 minutes





Georgia Department of Education Grade 1 Career Development Activity Transportation, Distribution & Logistics Estimated time: 45 minutes

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


transportation, Distribution & Logistics Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

<p>Air-Space Transportation: Transportation Managers (Air) * Commercial Pilots * Flight Engineers * Flight Attendants * Dispatchers (Air) * Traffic Managers * Air Traffic Controllers * Aircraft Cargo Handling Supervisors * Airfield Operations Specialists Rail Transportation: Transportation Managers (Rail) * Dispatchers (Rail) * Traffic Managers * Locomotive Engineers * Locomotive Fitters * Railway Conductors and Yardmasters * Railroad Brake, Signal and Switch Operators * Railway Engineers, Dinky Operators, and Hostlers Water Transportation: Transportation Managers (Water) * Dispatchers (Water) * Traffic Managers * Captains * Mates * Pilots of Water Vessels * Sailors and Marine Oilers * Able Seamen * Ordinary Seamen * Ship and Boat Captains * Ship Engineers * Bridge and Lock Tenders Road Transportation: Transportation managers (Road) * Dispatchers (Truck/Bus/Taxi) * Traffic Managers * Truck Drivers (Tractor-Trailer) * Truck Drivers (Light or Delivery Services) * Bus Drivers (Transit and Intercity) * School Bus Drivers * Taxi Drivers and Chauffeurs Transit Systems: Transportation Managers (Mass Transit) * Dispatchers (Bus) * Traffic Managers * Dispatchers (Rail) * Traffic Managers * Bus Drivers (Transit and Intercity) * Subway and Streetcar Operators</p>	<p>Logistics * Logistics Managers * Logistics Engineers * Logistics Analysts * Logistics Consultants * International Logistics Specialists</p>	<p>Warehouse Managers * Storage and Distribution Managers * Industrial Engineers * Industrial Electricians * Traffic, Shipping and Receiving Clerks * Production, Planning, Expanding Clerks * First-line Supervisors/Managers of Helpers, Laborers, and Material Movers (Hand) * First-line Supervisors/Managers of Transportation and Material (Moving) Machine and Vehicle Operators * Laborers and Freight, Stock and Material Movers (Hand) * Car, Truck and Ship Loaders * Packers and Packers-hand</p>	<p>Facility Maintenance Managers and Engineers * Industrial Equipment Mechanics * Industrial Electricians * Electrical/Electronic Technicians * Mobile Equipment: General—Mobile Equipment Maintenance Managers * Electrical and Electronic Installers and Repairers (Transportation Equipment) * Mobile Heavy Equipment Mechanics * Air-Space—Aerospace Engineering and Operations Technicians * Aircraft Mechanics and Service Technicians * Airframe Mechanics * Power plant Mechanics * Aircraft Engine Specialists * Avionics Technicians * Wagon—Ship Mechanics and Repairers * Motorboat Mechanics * Automotive Truck Mechanics and Body Repairers (Rail)—Rail Car Repairers * Signal and Track Switch Repairers * Rail Locomotive Mechanics and Repairers Road—Electronic Equipment Installers and Repairers (Motor Vehicle) * Automotive Body and Related Repairers * Automotive Service Technicians and Mechanics * Automotive Master Mechanics * Automotive Specialty Technicians * Bus and Truck Mechanics and Diesel Engine Specialists * Motorcycle Mechanics * Bicycle Repairers</p>	<p>General—Intramodal—Urban and Regional Planners * Civil Engineers * Engineering Technicians * Surveying and Mapping Technicians * Government Service Executives * Environmental Compliance Inspectors * Air-Space—Air Traffic Controllers * Aviation Inspectors * Road—Traffic Engineers * Traffic Technicians * Motor Vehicle Inspectors * Freight Inspectors * Rail—Railroad Inspectors * Water—Marine Cargo Inspectors * Vessel Inspectors * Traffic Control Specialists * Transit—Public Transportation Inspectors * Obsolete Regulators * Inspectors and other federal/state/local transportation agency jobs</p>	<p>Health and Safety Managers * Industrial Health and Safety Engineers * Environmental Scientists and Technicians * Environmental Protection Science and Technicians * Environmental Managers and Engineers * Compliance Inspectors * Safety Analysts</p>	<p>Marketing Managers * Sales Managers * Sales Representatives of Transportation * Logistics Services * Reservation, Travel and Transportation Agents * Cargo and Freight Agents * Customer Service Managers * Cashiers * Counter and Rental clerks</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Occupational Frame

Occupational frames can be printed at www.careertech.org under the tab Career Clusters.



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

**Georgia Department of Education
 Grade 1 Career Development Activity
 Transportation, Distribution & Logistics
 Estimated time: 45 minutes**

<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.



Georgia Department of Education
Grade 1 Career Development Activity
Transportation, Distribution & Logistics
Estimated time: 45 minutes

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

Health Science	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
Hospitality & Tourism	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.
Human Services	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.
Information Technology	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.
Law, Public Safety, Corrections & Security	Careers with common knowledge and skills related to employment in emergency and fire services, legal services, protective services, and homeland security.
Manufacturing	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.
Marketing	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.
Science, Technology, Engineering & Mathematics	Careers with common knowledge and skills related to planning, managing, and providing scientific research and professional and technical services.
Transportation, Distribution & Logistics	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.