





Means of transport

Transportation through the use of:

- Car
- Bus
- Train
- Plane
- Camel
- And more...

The Transportation Issue

This magazine is dedicated to means and modes of transportation. What is the difference? We're glad you asked!

Modes of transport: A particular form or variety of something (ex: flying and other *modes* of transport)

- Human-powered (walking, running, swimming)
- Animal-powered (riding a horse or a camel or a reindeer)
- Air/flying (flying in a plane or helicopter)
- Space
- Land
 - Road
 - Rail
- Water
- Cable







Thank you to student Darren who came up with the theme of the month!



Means of Transport in Spanish

Draw a line from the Spanish word to the matching picture:

trineo de perros autobús tractor helicóptero camello globo aerostático kayac carro burro









CH&S July Birthdays



7/2 - Courtney 7/9 - Jake 7/10 - Peter 7/17 - Justin 7/28 - Connor and Darren

12 Questions with Darren

- 1. Name/job title: Darren Hunter, Life College Student
- 2. What breed of dog would you be? Golden retriever or lab.
- 3. What is your theme song? Pink Cadillac.
- 4. If aliens landed on earth tomorrow and offered to take you home with them, would you go? Yes, but only if I understood what they were saying!
- 5. What is your favorite ice cream flavor and ice cream topping? Dark chocolate ice cream and ALL the toppings! Seriously, you would faint if you saw me put toppings on ice cream when I'm on a cruise.
- 6. What is your favorite time of day and why? I like nighttime because I'm a night owl, I like to stay up late.
- 7. If you could rename yourself, what name would you pick? Sky King.
- 8. What fruit or vegetable would you most want to be? An avocado or an apple. (I make a mean guacamole, by the way.)
- 9. **Teleportation or flying?** Flying if I could only pick one, but it could be fun to teleport in and out of the room in front of Chas all of the time!
- 10. What's your favorite way to get in some exercise? Skydiving is actually really good exercise.
- 11. **If you were a wrestler what would be your entrance theme song?** Free Fallin'.
- 12. What's your favorite sandwich and why? Grilled ham and cheese because it's the best













HOT AIR BALLOONS

Question: What is more beautiful than a hot air balloon? Answer: Many hot air balloons.

The first recorded instance of a balloon carrying passengers using hot air to generate buoyancy was built by Joseph-Michel and Jacques-Etienne Montgolfier in Annonay, France. The first flight had a total passenger list of three: a rooster, a duck, and a sheep. It flew for only 15 minutes. Let's just say thank goodness two of the passengers could fly.

After experimenting with flights and animals, the first tethered balloon flight with humans aboard took place on October 19, 1783, with the scientist Jean-François Pilâtre de Rozier, Jean-Baptiste Réveillon and Giroud de Villette, at the Folie Titon in Paris. Can you imagine what that must have been like to be the first people to fly?

By 1785 a French pilot (Jean-Pierre Blanchard) and his American co-pilot (John Jeffries) became the first people to fly across the English Channel, which is approximately 21 miles wide.

Cut to 1972, when Sid Cutter organized a gathering of 13 hot air balloons in Albuquerque, New Mexico; this led to the creation of the Albuquerque International Balloon Fiesta, which is now the largest balloon festival in the world. There are now many hot air balloon festivals worldwide, including the Sonoma County Hot Air Balloon Classic, which took place last month on June 4.





A model of the Montgolfier brothers ^D balloon at the London Science Museum

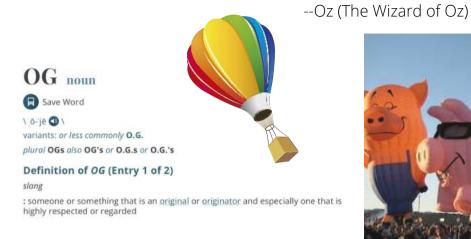




Car-carro/coche Bus - autobús Tractor - tractor Helicopter - helicóptero Camel - camello Hot air balloon - globo aerostático Kayak - kayac Dog sled - trineo de perros

Answers from previous page:

"This is a highly irregular procedureabsolutely unprecedented!"



So, why is the OG balloon fiesta considered the best? The weather and climate in Albuquerque create the optimal wind and temperature conditions for hot air ballooning–the conditions are perfect and predictable (mostly). Plus, there is plenty of open space for take-off and landing, along with some breathtaking views!

Hot air ballooning has been recognized by Fédération Aéronautique Internationale (FAI) as the safest air sport in aviation, and fatalities in hot air balloon accidents are rare, according to statistics from the National Transportation Safety Board (NTSB).

Hot air balloons are a beautiful sight indeed!

I'm leaving town III be back soon Im taking a ride In a hot air balloon The noise is loud When the burners fire The heat takes me up Higher and higher I float in the sky Its a wonderful thing Now i know why Flying birds sing by Joy Acey



Dreams of gold Sunlight skips across tired waves Like a child skimming pebbles of gold. A fly away balloon Leaving trails of candy hues Fading into the night Dreaming dreams never told Zeraphere

Gentle and easy the hot air balloon did float Gentle and easy Luminous clouds I touch flight... Exquisite freedom by Rick Parise Name

The Fourth of July is a time to celebrate our country's birthday.



Across Clues:

- 3. We live in the _____ of America.
- 4. Many people have a _____ on thisholiday.
- 5. We celebrate our _____ on this day.
- 6. There are a lot of _____ on the Fourth of July.

Write the two compound words.

Down Clues:

- It is the _____ of the United States.
 We won our _____ from England.



Summer Holiday Word Search & Crossword Puzzles https://www.teacherspayteachers.com/Product/Summer-Holiday-Word-Search-Crossword-Puzzles-Freebie-2839726

Pop a Wheelie with Courtney

Courtney is a student at the Enterprise Day Program and she writes:

Carolyn and I looked at the history of wheelchairs after I took a trip to Disneyland where I got to ride an electric scooter. Check out this good article about wheelchairs and how they developed: <u>https://www.wheelchairjunkie.com/history/</u>

We had really fun and super interesting discussions about:

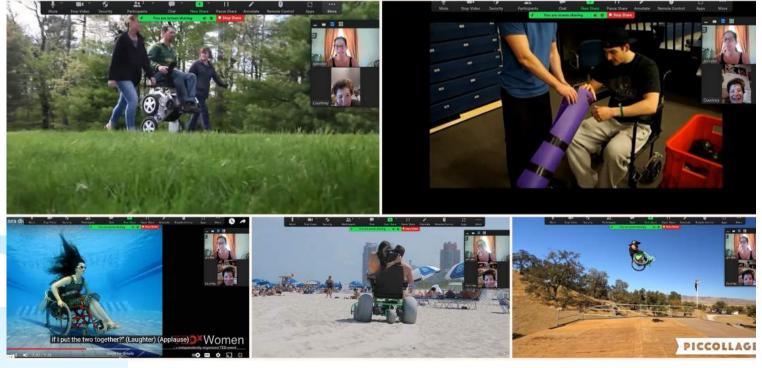
- My favorite movies with main characters who use wheelchairs: *Breathe* and *When You Remember Me* (you can stream this one on YouTube). *Murderball* is an exciting movie, but it's rated R for language and adult content.
- We researched videos about wheelchair users playing bocce ball (my favorite, not to brag, but I'm a champ!), <u>beach-going</u> <u>and swimming</u>, <u>surfing</u>, skateboarding, <u>deep sea diving</u> etc.
- Famous people who have used wheelchairs: Of course, we can't talk about wheelchairs without mentioning dear Christopher Reeves. And Steven Hawking, Franklin D. Roosevelt, and Frida Kahlo.
- My new goal after researching this article: Write a full onehour knowledge class on wheelchairs.

If you didn't click on the links above, click on them *now*-people can do *amazing* things with wheelchairs! But I already knew that!









KANGAROO CLASS

We had fun learning about kangaroos while coloring pictures of kangaroos! Sometimes multi-tasking is good!

The Kangaroo Pouch

The inside of the pouch is hairless skin. The pouch is very warm inside, the same as the mom's body temperature: about 105 degrees. Yes, it can get sweaty in there. Inside the pouch are four teats, or milk ducts.

Kangaroo <u>gestation</u> is 32 or 33 days. When a mama kangaroo gives birth to a joey through the vaginal canal, her jelly-bean-sized baby is undeveloped.



Yet, the newborn joey uses its forelimbs to crawl up into its mom's pouch. This is quite a journey for a jellybean. The teensy joey latches onto an elongated teat, which swells and pokes down the throat of the baby, and the suckling joey holds on to that teat for about three-and-a-half to four months.





At about four-and-a-half to five months, the joey emerges from the pouch to begin exploring. A joey <u>weans</u> between 10 and 12 months, at which point it no longer hops back into the pouch.

You Might be Wondering...

Because the joey spends months in the pouch before emerging, it <u>defecates</u> inside. Yup, as Forrest Gump said, "it happens." We hope you're not eating lunch while reading this article because, to clean the pouch, the mommy kangaroo sticks her whole head into her pouch to scrape out the grime and droppings with her tongue. She either works around a young joey or kicks out an older one while she works.

So for the first four-and-a-half months of their lives, joeys use their moms as a means of transportation. *What do you think it would be like to ride inside a kangaroo pouch?* Sproing sproing sproing.

Vocabulary

Defecate: to discharge feces (poo) from the bowels (guts)Gestation: the carrying of young in the uterus.Wean: to get a young child or animal to take food otherwise than by nursing.

Riding the Rails

Trains are a very important part of the story of America. Without the railroads we wouldn't have been able to move so many people and goods across the roughly 4,000 miles from New York to San Francisco back in the 1800s. Though nowadays most people in the US drive cars to get from place to place, trains are still in use here each and every day.

When Bert, Joe, Mike, Phoebe, and Tyrone were discussing trains the other day, a place called *Traintown* kept coming up. Traintown is a small amusement park in Sonoma. The park was founded by a model train enthusiast named Stanley L. Frank in 1968, and since then it's become "one of the finest garden-estate railways in the world." Besides the 1/4th scale model train, the park boasts a carousel, an airplane ride, a ferris wheel, a roller coaster and an "air scooter" (any guesses what that might be?)

When we were talking about other types of trains words like "BART" and "SMART" kept coming up. Are we talking about trains here, or two of the Simpsons' children? "BART" and "SMART" are actually acronyms, which means the letters in those words actually represent the first letter of each word in a phrase.

BART stands for Bay Area Rapid Transit

SMART stands for Sonoma Marin Area Rail Transit



San Francisco Bay Area Rapid Transit District, Public domain, via Wikimedia Commons



The SMART train in Santa Rosa By Haha169 - Own work, CC BY-SA 4.0, https://commons.wikimedia.org/w/index.php? curid=61606770

When thinking about trains, Mike said the first to come to mind is the BART train. For Tyrone it's the SMART train. For Joe, it's the old steam engine that stands outside the fairground in the town where he grew up. It's an iconic symbol of the triumph of the transcontinental railroad.



A BART train that overshot Fremont station in October 1972. Board of Inquiry, Public domain, via Wikimedia Commons



A quarter-scale steam locomotive on the turntable in front of the round house at the Sonoma TrainTown Railroad in Sonoma, California Cullen328, CC BY-SA 3.0 <https://creativecommons.org/licenses/by-sa/3.0>, via Wikimedia Commons

Andrew's Corner

Opossums on the Dark Side

Opossums are known to feign their death or *play possum*. The reason opossums feign death is because it is an involuntary act like fainting.

Opossums can dangle from trees with their prehensile tails, even though it is usually the juveniles that commonly hang using their tails. They have nearly-hairless, scaly prehensile tails. **Possum Facts**







- Only one species of opossums, the Virginia Opossum, live in Canada and the United States.
- Virginia opossums are the only North American marsupials, meaning they have a pouch to put their babies in.
- The opossum is a skilled climber of trees.
- Possums have as much as fifty teeth!

Opossums are really good at eating ticks, mosquitos and other pests. Opossums also eat dead animals, insects, rodents, and birds.

Opossums are nocturnal (most active at night). They sleep during the day, in a den in a hollow tree or in an abandoned rodent burrow.







Bio: Andrew Newson is a student at Life College and is 25 years old. He likes comic books, video games, hiking, and exploring new places with his mom... and babies. He is an authority in all things Star Wars, Star Trek and great places to go in the Bay Area. He has a curious mind and loves to research and learn new things.

Did you know?

Both *possum* and *opossum* correctly refer to the Virginia opossum frequently seen in North America. In common use, possum is the usual term; in technical or scientific contexts opossum is preferred. Opossum can be pronounced with its first syllable either voiced or silent.

Maglev Trains

Chris loves to talk with his art students. The topics of conversation can be quite wide-ranging and sometimes esoteric. Here is an example: *Maglev trains* (a shortened version of magnetic levitation). A maglev train is a system of train transportation that uses two sets of magnets: One set to repel and push the train up off the train track (floating above the track) while the other set moves the train forward since there is no friction. With maglev technology, the train travels along a guideway of magnets which control the train's stability and speed.

There are both high-speed and low-speed maglev versions. Only three countries have maglev trains: Japan, China, and South Korea. The fastest maglev trains (like the Shanghai Transrapid in China) can move at up 270 mph. To move this fast takes a lot of power and requires much more power than a traditional train and this all costs a lot of money. Think of it this: The faster you are moving, the more air you have to push out of the way. If you've ever put your hand out the window in a moving car, you have felt the force that air creates.

Now people are currently researching vacuum technology. The *vactrain* (or vacuum tube train) is a proposed design for a maglev line using partly evacuated tubes or tunnels. Tunnels reduce air resistance and could permit vactrains to travel at very high (hypersonic) speeds with relatively little power—up to 4,000–5,000 mph!

Could you imagine going that fast? Think about this, if you got on a train like that in San Francisco, CA in about 45 minutes, you could be in New York City! Here are some more vactrain destinations and travel times: Hawaii in a little over 30 minutes or India in a little more than 2 hours or the Eiffel Tower in about an hour and a half! Escargot for lunch anyone?

What if you wanted to travel, literally, around the US, from San Francisco along the southern border all the way to Florida, then up the East Coast to New York City, then back along the northern US border Seattle, Washington, and then back down the west coast to home, that would be about 8000 miles. If you drove in a car would take 121 hours, about 5 entire days of driving with no breaks. Whereas, on the vactrain of the future, this trip would be possible in only two hours. Thinking about that is enough to make one's head spin! Check out the picture of the map of the drive all the way around the U.S.





JULY 2022 NATIONAL DAYS

National Hotdog Month National Ice Cream Month National Picnic Month

- 7/2 World UFO Day
- 7/3 Compliment Your Mirror Day
- 7/4 Independence Day CLOSED!
- 7/6 Fried Chicken Day
- 7/7 Chocolate Day and Strawberry Sundae Day
- 7/8 Video Game Day and Be A Kid Again Day
- 7/13 Embrace Your Geekness Day
- 7/14 Macaroni and Cheese Day
- 7/15 Cow Appreciation Day
- 7/17 World Emoji Day
- 7/20 Hot Dog Day
- 7/29 Lasagna Day
- 7/30 Cheesecake Day
- 7/31 Watermelon Day

John's new walker allows him to transition from one activity to another!

Transición más fácil!

Transition made easier!

Transition made easier!





The Space Shuttle

by Connor Ritchie

The Space Shuttle was a space plane made by the Rockwell International industry. Its class was the Space Shuttle orbiter. The Space Shuttle Columbia, the first space shuttle, first flew on April 12-14, 1981.

The Space Shuttle Atlantis was the last Space Shuttle to retire on July 8-21, 2011. The Space Shuttle Atlantis is named after RV Atlantis, a two-masted sailing ship that operated as the primary research vessel for the Woods Hole Oceanographic Institution from 1930 to 1966.

At least one Space Shuttle has taken off from Vandenburg Air Force Base. The space shuttles that still fly today are different models, like the X-37 and the Dream Chaser.



By Phil Nash from Wikimedia Commons CC BY-SA 4.0 & GFDLViews, CC BY-SA 4.0 <https://creativecommons.org/licenses/by-sa/4.0>, via Wikimedia Commons

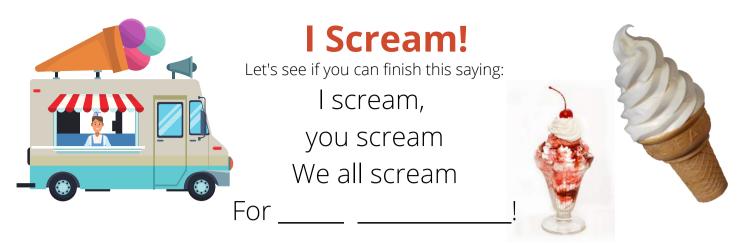


In 2016, there was a online naming contest at #NameOurShip to name the new polar scientific research ship being constructed for the United Kingdom's Natural Environment Research Council (NERC). BBC Radio presenter James Hand, who can be quite the comedian we presume, suggested Boaty McBoatface for the poll and the name quickly became the most popular choice, with 124,109 votes.

The ship was named Sir David Attenborough came fourth in the poll. The name Boaty McBoatface was assigned to one of the submersibles deployed aboard the RRS Sir David Attenborough instead.

Observers of contemporary culture coined the term "McBoatfacing," which is defined as making the critical mistake of letting the internet decide things. The New York Times wrote that to be "McBoatfaced" was to allow people to "deliberately make their choices not in order to foster the greatest societal good, but, instead, to mess with you."





We'd bet that everyone knows the two missing words! When we talk about the month of July, we talk about it a lot! Everyone LOVES it–almost everyone since there's always one dissenter in the crowd. You guessed it, the missing words are "ice cream." In July there are 5 days dedicated to ice cream:

7/1 National Ice Cream Day 7/7 National Strawberry Sundae Day 7/17 National Ice Cream Day (apparently one ice cream day is not enough!) 7/23 National Vanilla Ice Cream Day 7/25 National Hot Fudge Sundae Day

Iced treats first appeared in ancient Persia (now known as Iran) about 2500 years ago. They called them faloodeh and they were ice blended with juice and fruit–it was more like a slushy. Ancient China, Rome, Arabia, India and Italy made other versions.

The Chinese were the first to use milk; from cow, goat, mare, or buffalo. They heated the milk with flour, camphor, and then added ice. Yum! Arabs introduced sugar in the 800s–what a game changer!

As you might have noticed, these icy treats bear little resemblance to what we enjoy today. Yes, some flavors were interesting-rosewater, saffron, orange blossom, jasmine, and musk. (No musk for us, please.) What was used as perfume might be used as an ice cream flavoring too.

If you were asked your favorite flavor of ice cream, you might say chocolate or vanilla, or maybe strawberry. But how about some of these exotic flavors? Horchata

Grey poupon with pretzel pieces

Mac & Cheese

Ketchup (popsicles, but we will allow it)

Krispy Cream donut Deviled egg Fried chicken



Blueberry pancake Squid ink Jalapeno cilantro Goat cheese Beet swirl Fish and chips Oyster Curry Smoked salmon Honey Jalapeno pickle Lobster

So whatever you might think of the above flavors, there is probably at least one you would try... You just cant know if you don't try, right? We may skip the deviled egg flavor-that's just weird!



After a virtual ride aboard a hot air balloon in armchair travel class, we were reminded of another interesting mode of transportation from New Mexico... The UFO! So we dusted off our Roswell Knowledge class for a refresher, just in time for World UFO Day July 2.

In the summer of 1947, a rancher discovered a mysterious heap of twisted metal near his cattle. He called the sheriff, the sheriff called the military base nearby, and within a few hours, every trace of the strange material had been cleared from the property and whisked away. According to the official government report, the wreckage was a crashed weather balloon. But many people believe it was actually a UFO crash!

Since then, hundreds of thousands of people from around the world have flocked to Roswell as a paranormal mecca. Curious researchers and tourists helped the city grow into a popular attraction, leaving them little choice but to embrace their reputation as an epicenter of all things extra terrestrial.

And embrace it they have! Some of the notable touristy things to see and do in Roswell include: a UFO city sign; alien street lights; the world's only UFO-themed McDonald's; and every type of alien souvenir you can possibly imagine.

In Non-Alien Vehicle News: Abandoned, rusted, returned. Elvis' personal airplane (a 1962 Lockheed Jetstar 1329) was parked at the Roswell airport for nearly 40 years after his death, complete with red velvet seats and carpets. It recently sold to a private buyer for \$485,000 but was later returned.

We accept and appreciate donations of any size or kind. All donations to CH&S are tax-deductible. CH&S is a 501(c)(3) non-profit organization.



History Marches On

And last month we saw yet another very annoying COVID closure come and go for the two CH&S campuses.

Looking adamantly at the bright side, however, June did just happen to be all about yet another NBA championship for the Golden State Warriors as well.

Not all of our readers are Bay Area basketball fans, and we know what many of them are probably thinking: "So What...Big deal... It's just a game... Somebody's got to win!"

Of course, we're not exactly objective, but we saw what we saw and we know what we know and we're just saying: This goes beyond all that flat out beautiful basketball and all those rich storylines. Wherever you may work, whatever you may do, there is inspiration to be drawn from our beloved Warriors. Play as a family! Play selflessly for each other! Play with love! It is really the only way you win!



The bicycle came into the world in 1817 as more of a prototype than the \$1000-3500+ human-powered bikes we know and love today. (And we are not even going to get into *ebikes*, electric bicycles, which can cost \$8000+).

The Velocipede

German Baron Karl von Drais is credited as the initial bicycle inventor. He attached two wooden wheels to a wooden board and rolled away. The contraption was known by several names: the *velocipede*, the *hobby-horse*, and the *draisine*, to name a few.

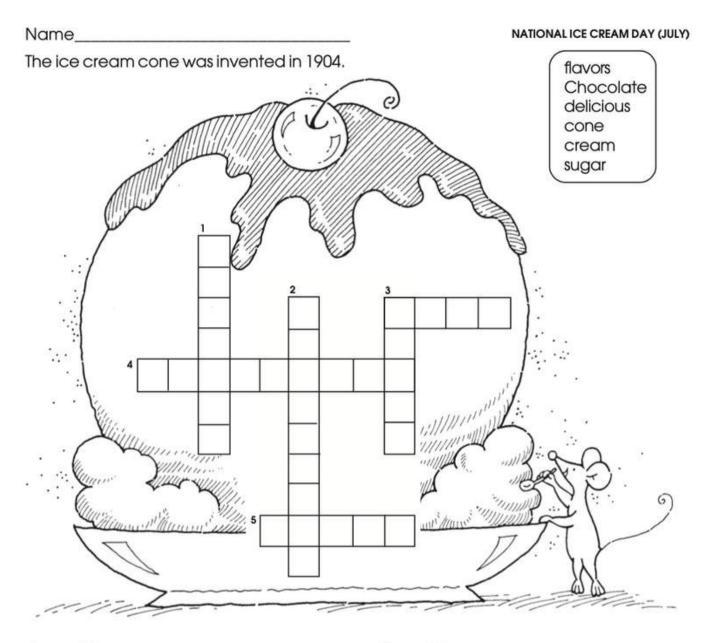
It had no pedals and a big, sit-on skateboard-like draisine soon fell out of favor. During the rest of the 19th century, other inventors put on their thinking caps and developed the two-wheeled ride closer to what we think of as a legit bicycle.



(Above) 1886 Rover safety bicycle at the British Motor Museum. The first modern bicycle, it featured a rear-wheel-drive, chain-drivencycle with two similar-sized wheels. Dunlop's pneumatic tire was added to the bicycle in 1888.

(Karen Roe from Bury St Edmunds, Suffolk, UK, United Kingdom - British Motor Museum 09-2016, CC BY 2.0, https://commons.wikimedia.org/w/index.php? curid=58336483)

(Left) Wooden draisine (around 1820), the first two-wheeler and the archetype of the bicycle. (By Gun Powder Ma - Own work, CC BY-SA 3.0, https://commons.wikimedia.org/w/index.php?curid=4406665)



Across Clues:

- I would like to have an ice cream _____.
- 4. _____ is my favorite flavor.
- 5. Too much <u>may be bad</u> foryou.

Write the two words that have two syllables.

Down Clues:

- 1. There are many _____ of ice cream
- 2. Ice cream is _____.
- Ice cream is made with sugar and _____.



Summer Holiday Word Search & Crossword Puzzles https://www.teacherspayteachers.com/Product/Summer-Holiday-Word-Search-Crossword-Puzzles-Freebie-2839726

© Remedia

Community Homes & Services PO Box 744 Novato CA 94948 415-408-3604

The Transportation Issue

As usual, we asked students and staff to come up with a good theme for our Magazine and student Darren came up with the theme of the month: Transportation. No, we're not talking about penal colonies, although Darren would find that take to be hilarious, our theme is *means of transportation*.

transportation noun Save Word trans-por-ta-tion | _tran(t)s-pər-'tā-shən () \ Definition of transportation 1 : an act, process, or instance of transporting or being transported

- 2 a : means of conveyance or travel from one place to another
 - b : public conveyance of passengers or goods especially as a commercial enterprise

July 2022 Connection Magazine

3 : banishment to a penal colony

"Transportation." Merriam-Webster.com Dictionary, Merriam-Webster, https://www.merriamwebster.com/dictionary/transportation. Accessed 23 Jun. 2022.