

The History of Transportation

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Summary

This book is about modes of transportation and how they have changed over time.

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Before Reading

Think Ahead

Look at the pictures and answer the questions.



1. What word is used to describe things that are in or around the ocean? _____
2. What is the bad byproduct of so many cars and trucks being driven today? _____
3. When we travel somewhere, what do we call the place we are going? _____
4. What are space shuttles and rockets also called? _____

Vocabulary

A Read and match.

1.



•

• a. hybrid

2.



•

• b. solar

3.



•

• c. teleportation

4.



•

• d. smog

5.



•

• e. gasoline

6.



•

• f. carriage

7.



•

• g. compass

8.



•

• h. drone

B Write the word for each definition.

conquest

ecological

astrolabe

vacuum

prototype

- _____ an instrument for determining your location using the sun and stars
- _____ a space from which most or all of the air, gas, or other material has been removed
- _____ the act of taking control of a country, area, or situation
- _____ the original or model on which something is based or formed
- _____ concerning the relation of living beings to one another and to their environment

C Choose the word that means about the same as the underlined words.

- Eventually, traditional fuel will be replaced by sustainable energy from plants, or other sources.
a. affordable b. renewable c. solar d. prototype
- Unmanned rocket ships are currently flying to other planets.
a. rafts b. hybrids c. spacecraft d. carriages
- The Hyperloop is a tube that will have pods containing passengers and goods traveling in a(n) void.
a. vacuum b. canoe c. astrolabe d. hybrid
- Bombers and big troop carriers led to the creation of the freight planes we use today.
a. protested b. trade c. import d. cargo

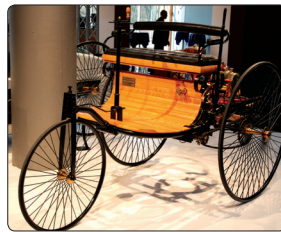
Comprehension

A Match the pictures with the correct sentences.

- a. The first cars were called horseless carriages.
- b. Modern cars create a lot of smog.
- c. The interior of the prototype of a self-driven Mercedes Benz.



1. _____



2. _____



3. _____

B Choose the best answer.

1. What theoretical technology moves an object by moving its atoms over distances and re-building them exactly the same in another place?
 - a. Navigation
 - b. Vacuuming
 - c. Solar power
 - d. Teleportation
2. What types of ships do we have in the 21st century?
 - a. Military
 - b. Cargo
 - c. Leisure
 - d. All of the above
3. What navigation device was invented by the Chinese?
 - a. The hybrid
 - b. The spacecraft
 - c. The compass
 - d. None of the above

C Choose the correct phrase for each picture. One (1) choice will not be used.

- a. A pilotless drone used by the Russian military
- b. A train powered by steam
- c. A device that uses the sun and the stars for navigation
- d. The liftoff of Apollo 11 in 1969
- e. An unmanned spacecraft near Jupiter



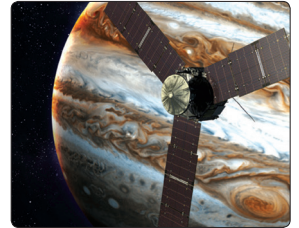
1. _____



2. _____



3. _____



4. _____

D Read each sentence. Write “T” if it is true or “F” if it is false.

1. _____ During World War II, the development of airplanes did not make any progress.
2. _____ There are cars that run only on water or used cooking oil.
3. _____ The airplanes of the future, just like future cars, will probably be flown without humans driving them.
4. _____ No spacecraft has ever gone beyond our solar system.
5. _____ Because of global warming and rising sea levels, some people have already thought of creating self-powered islands.

E Complete the sentences with the correct words.

1. People can fly to almost any _____ they choose.
destination navigation
2. European powers such as Spain and Portugal developed into great _____ powers.
maritime conquest
3. _____-powered cars began to gain popularity around the start of the 20th century.
Solar Gasoline
4. To carry things on water, we made rafts, _____, and then bigger boats.
canoes carriages
5. _____ sail boats are good for the environment.
Ecological Compass

F Number the events in order from 1=first to 5=last.

- a. _____ The first airplane was flown in 1903, by the Wright Brothers.
- b. _____ By the end of the 19th century, an engine similar to what we use in cars today had been created.
- c. _____ Currently, scientists are working on ways to make space travel affordable for tourists.
- d. _____ During the Cold War era, the space race led to new technologies such as the jet engine.
- e. _____ Machines powered by steam were invented during the Industrial Revolution.

After Reading

Think About It

A Look in the reader to write the answers to the following 5-W questions.

Who?	What?	When?	Where?	Why?
In 1961, _____ _____ became the first person in space.	_____ from cars causes acid rain, smog, lung cancer, and many other things.	In _____, the Montgolfier brothers invented the first hot air balloon which allowed people to fly.	By using technology from the space industry, airplanes may soon be able to fly outside our _____.	In the future, transportation as we know it may be a thing of the past because of advances in _____.

B Complete the sentences below with your own ideas.

From this book, I learned _____

_____.

Before I read this book, I knew _____

_____.

Now I also know _____

_____.