

Ballpoint Pens

Fill in the circle by the correct answer. Then answer the questions.

1. László Bíró invented a _____.
Ⓐ quill pen
Ⓑ fountain pen
Ⓒ ballpoint pen

2. A quill pen is made from a _____.
Ⓐ metal ball
Ⓑ real feather
Ⓒ jar of ink

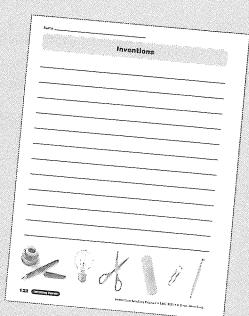
3. What sentence tells why some people may not like to use fountain pens?

4. How do you know people today still like using ballpoint pens?

Write About the Topic

Use the Writing Form to write about what you read.

Write to tell why László Bíró's invention was so useful.



Transportation Technology

Level 1 ■

Words to Know list, Reading Selection, and Reading Comprehension questions

Technology for Travel

There are many kinds of technology used for travel. The technology helps people go from place to place. It can take a long time to walk somewhere. Technology helps people move faster.

People can ride bicycles. They can drive in cars. Bicycles use wheel technology. Cars use motor technology. People can also fly in airplanes. Some airplanes use jet engine technology. Other airplanes use wind and air technology. All of these technologies help people travel quickly.

Technology for Travel

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Words to Know
Technology for Travel

- technology
- travel
- move
- bicycles
- cars
- wheel
- motor
- airplanes
- jet engine
- wind
- air

Level 2 ■■

Words to Know list, Reading Selection, and Reading Comprehension questions

Bicycles and Cars

Different forms of transportation use different kinds of technology. Wheels are one kind of technology. A bicycle has two wheels. A person turns the pedals with his or her feet. The wheels move when the pedals are pushed. The bicycle moves forward as the wheels turn. The person makes the bicycle move.

Bicycles and Cars

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Words to Know
Bicycles and Cars

- transportation
- wheels
- bicycle
- pedals
- move
- car
- motors
- key
- power
- gasoline

Level 3 ■■■

Words to Know list, Reading Selection, and Reading Comprehension questions

Flying Airplanes

Airplanes can use different types of technology to fly. Large airplanes use jet engine technology. These engines are big and very powerful. The engines help the planes stay in the air. A pilot can make the airplane go higher and lower by using electronic controls. The pilot can also make the airplane go faster or slower. Airplanes with jet engines can fly very far. They can fly all the way across an ocean.

Flying Airplanes

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Words to Know
Flying Airplanes

- airplanes
- technology
- fly
- jet engine
- air
- pilot
- electronic controls
- gliders
- wind
- hand levers
- power

Assemble the Unit

Reproduce and distribute one copy for each student:

- Visual Literacy page: Kinds of Transportation, page 131
- Level 1, 2, or 3 Reading Selection and Reading Comprehension page and the corresponding Words to Know list
- Graphic Organizer of your choosing, provided on pages 180–186
- Writing Form: Transportation Technology, page 132

Introduce the Topic

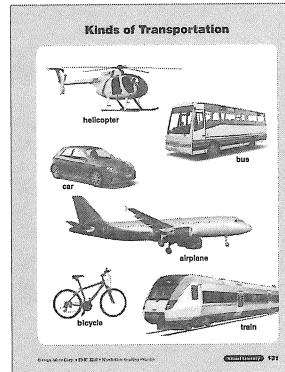
Point out and name each type of transportation. Explain to students that each type uses technology to work or move. Ask them which types of transportation they have used before.

Read and Respond

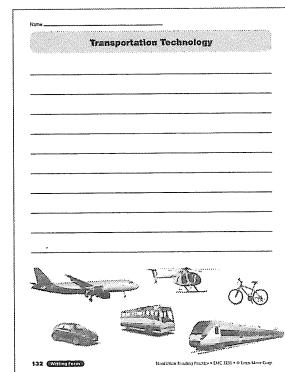
Form leveled groups and review the Words to Know lists with each group of students. Instruct each group to read their selection individually, in pairs, or as a group. Have students complete the Reading Comprehension page for their selection.

Write About the Topic

Read aloud the leveled writing prompt for each group. Tell students to use the Graphic Organizer to plan their writing. Direct students to use their Writing Form to respond to their prompt.



Visual Literacy



Writing Form

Kinds of Transportation



helicopter



bus



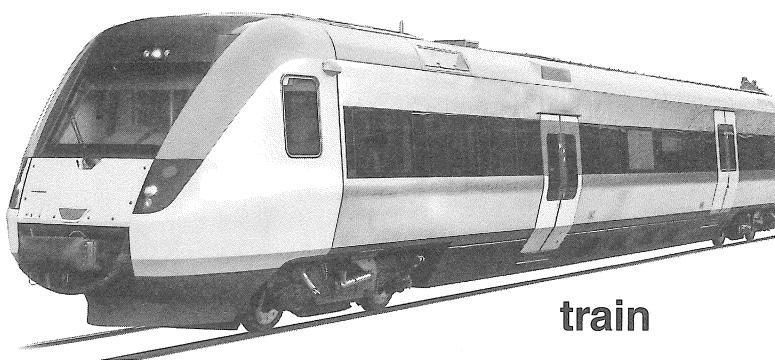
car



airplane



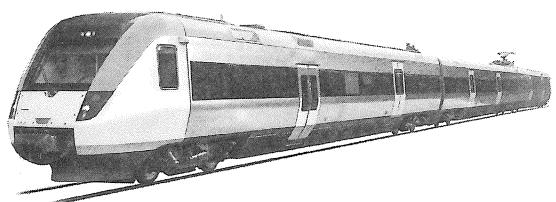
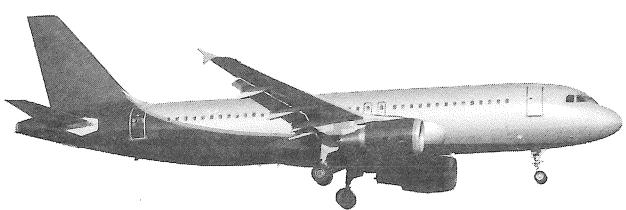
bicycle



train

Name _____

Transportation Technology



Words to Know
Technology for Travel

technology
travel
move
bicycles
cars
wheel
motor
airplanes
jet engine
wind
air

Transportation Technology ■■



Words to Know
Bicycles and Cars

transportation
technology
wheels
bicycle
pedals
move
car
motors
key
power
gasoline

Transportation Technology ■■■

Words to Know
Flying Airplanes

airplanes
technology
fly
jet engine
air
pilot
electronic controls
gliders
wind
hand levers
power

Transportation Technology ■■■■

Technology for Travel

There are many kinds of technology used for travel. The technology helps people go from place to place. It can take a long time to walk somewhere. Technology helps people move faster.

People can ride bicycles. They can drive in cars. Bicycles use wheel technology. Cars use motor technology. People can also fly in airplanes. Some airplanes use jet engine technology. Other airplanes use wind and air technology.

All of these technologies help people travel quickly.



riding a bicycle



driving a car



flying in an airplane

Technology for Travel

Fill in the circle by the correct answer. Then answer the questions.

1. _____ helps people travel more quickly.

- (A) Walking
- (B) Air
- (C) Technology

2. A bicycle moves with _____ technology.

- (A) wheel
- (B) wind
- (C) motor

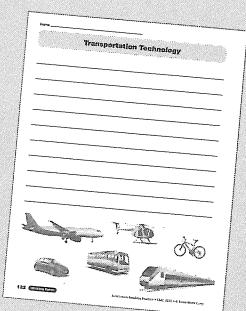
3. What is one kind of technology that airplanes can use?

4. Write two reasons from the text that technology is needed for travel.

Write About the Topic

Use the Writing Form to write about what you read.

Write to tell how people can use technology to travel from place to place.

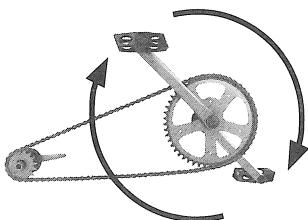


Bicycles and Cars

Different forms of transportation use different kinds of technology. Wheels are one kind of technology. A bicycle has two wheels. A person turns the pedals with his or her feet. The wheels move when the pedals are pushed. The bicycle moves forward as the wheels turn. The person makes the bicycle move.



bicycle

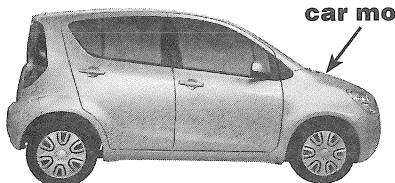


pedals turn wheels

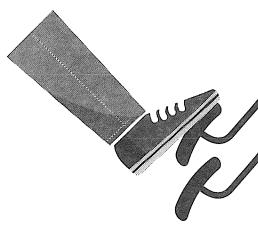


bicycle moves forward

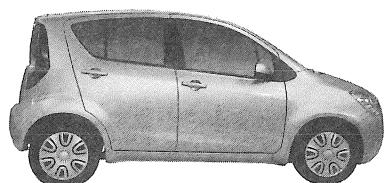
Car motors are another kind of technology. Cars have pedals, too. They are different than bicycle pedals, though. Cars have motors inside of them. The person turns on the motor with a key. The car will go or stop when a person pushes on the pedals with his or her feet. The motor in the car makes the wheels turn. Most cars get power from gasoline. The gasoline makes the car go.



car



person pushes pedals



car moves forward or backward

Bicycles and Cars

Fill in the circle by the correct answer. Then answer the questions.

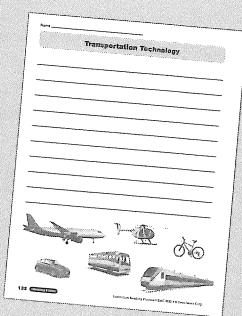
1. A person uses his or her _____ to make a bicycle move.
Ⓐ hands
Ⓑ keys
Ⓒ feet
2. Most cars use _____ to get power.
Ⓐ gasoline
Ⓑ wheels
Ⓒ people
3. What kind of technology do cars use?

-
4. Are pedals an important part of bicycle and car technology? Explain why or why not.
-
-

Write About the Topic

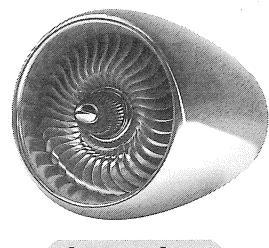
Use the Writing Form to write about what you read.

Write to tell about bicycle and car technologies.
Tell how they are alike and different.

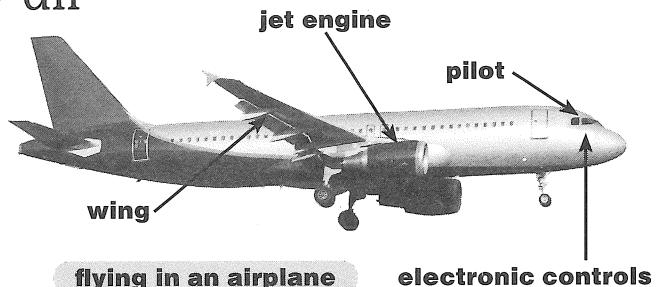


Flying Airplanes

Airplanes can use different types of technology to fly. Large airplanes use jet engine technology. These engines are big and very powerful. The engines help the planes stay in the air. A pilot can make the airplane go higher and lower by using electronic controls. The pilot can also make the airplane go faster or slower. Airplanes with jet engines can fly very far. They can fly all the way across an ocean.



jet engine



Gliders are smaller airplanes that don't have engines. They use wind technology to fly. Another airplane that has an engine pulls the glider into the air. Then it lets go of the glider. The glider pilot uses hand levers to control the glider.

A glider is a lot like a paper airplane. It uses wind and air power. Although gliders do not have engines, they can sometimes fly for hours.

