

NO4.For Teachers: Please have the students read the sentences one at a time and correct their pronunciation of each sentence then have them repeat after you. Wait until after they read the sentence (use the number in place of the missing word) to have the students choose the correct answer to fill in the blank. When the students finish the article, move on to the further questions.

5[B] – Driving for the Earth

13.2(5B)AP2E

たいていの

Most people know that taking a bus is safer and less expensive than driving a car.

環境 (かんきょう)

Also, riding buses is better for the environment. However, buses are not a perfect

理由 (りゆう)

answer to environmental problems. One reason for this is because they use more

燃料 (ねんりょう)

fuel than they need to. Because of this, some people say that bus drivers

練習 (れんしゅう) する

should be trained to practice “eco-driving.”

Further Questions

*Ask student to answer the question on their own at first. If the student can't answer correctly, have him look at the last page and read the “example answer” for the question. Have the student try to memorize the answer, if it's too long or difficult, you should divide the sentence into 2 or 3 parts to make it easier to remember. Once they have memorized the answer, the teacher should ask the question one last time so that the student can practice answering. Also if you find any mistakes, please mark the page and let me know ASAP.

1) What is one reason buses are not a perfect answer to environmental problems?

バスが環境問題に対する完璧な答えではない理由の一つは何ですか？

They use more fuel than they need to. バスは、必要とするよりも多くの燃料を使う。

2) How do some people say bus drivers should be trained? どうして一部の人は、バス

の運転手たちが訓練されるべきだと言うのですか？

Some people say bus drivers should be trained to practice “eco-driving”. 一部の人は、

バスは、バスの運転手たちは、“エコ・ドライビング”を練習するために訓練されるべきだと言います。

意味 (いみ) する

環境 (かんきょう)

ある 方法 (ほうほう)

Eco-driving means helping the environment by driving in a way that

量 (りょう)

むだにする

ある特定 (特定) の

uses less fuel. A large amount of fuel is wasted when bus drivers do certain

things, such as speeding up quickly or leaving the engine on when the bus is not

moving. Some cities have started to train their bus drivers to stop doing these

～するために

things to save both fuel and money. In order to teach bus drivers eco-driving,

最近 (さいきん) 開発 (かいはつ) した

SmartDrive, a company in the United States, has recently developed a special system.

Further Questions

3) What does Eco-driving mean? エコ・ドライビングとは何を意味しますか？

Eco-driving means helping the environment by driving in a way that uses less

fuel. エコ・ドライビングは、より少ない燃料しか使わないある方法で運転することによって、環境を改善

することを意味します。

4) What are some things bus drivers do that waste a large amount of fuel? エコ・ド

ライビングは、より少ない燃料しか使わないある方法で運転することによって、環境を改善することを意味

します。

Things such as speeding up quickly or leaving the engine on while the bus is

not moving waste a large amount of fuel. 急にスピードを上げたり、バスが動いていない間

にエンジンをつけたままにしたりすることは、大量の燃料を無駄にしています。

The system uses small light to tell the driver how he and she is driving. It is put on the bus in a place that the driver can easily see. A green light comes on when the driver is driving well. A red light, on the other hand, tells the driver that he or she is wasting fuel. This idea is to teach the drivers while they are driving. In a test study, SmartDrive found that they could improve drivers' fuel savings by as much as 18.7 percent.

Further Questions

- 5) What does the red light on the system mean? そのシステム上、赤信号とは何ですか?
It means that the driver is wasting fuel. それは、その運転手が燃料を無駄にしていることを意味します。
- 6) How much could SmartDrive improve drivers' fuel savings? スマートドライブは、運転手が燃料を節約することを、どれくらい改善することができますか?
They found they could improve drivers' fuel savings by as much as 18.7 percent. 彼らは、運転手が燃料を節約することを、18.7パーセントくらい改善することができるということを発見しました。

Stagecoach Bus, a company in the United Kingdom, uses a system similar to SmartDrive's. According to Stagecoach Bus, another benefit of eco-driving is that it is safer. The company says that they are using the system both to lower fuel costs and to reduce traffic accidents. To do this, Stagecoach Bus is offering its drivers extra money if they can improve their driving style. These new systems are helping to make taking the bus an even better option for the future.

Further Questions

- 7) What is another benefit of eco-driving? エコ・ドライビングのもう一つの利点は何ですか?
Another benefit of eco-driving is that it is safer. エコ・ドライビングのもう一つの利点は、より安全だということです。
- 8) How does Stagecoach Bus get drivers to improve their driving style? ステージコーチ・バスはどのようにして、運転手に運転の仕方を改善させていますか?
Stagecoach Bus is offering its drivers extra money if they can improve their driving style. ステージコーチ・バスは、もし運転手たちが運転の仕方を改善できれば、余分なお金を提供しています。

*Choose the correct answer from these choices.

- (42) What is one problem with buses?
- 1 It is hard to train the drivers.
 - 2 It is hard to make them safer than cars.

- 3 They use more fuel than is needed.
- 4 They use an expensive kind of fuel.

(43) “Eco-driving” means

- 1 keeping buses moving as much as possible.
- 2 changing the engines in buses to ones that need less fuel.
- 3 making drivers pay money when they **h a r m** the environment.
害 (がい) を及 (およ) ぼす
環境 (かんきょう)
- 4 driving in ways that are better for the environment.

(44) How does the SmartDrive system work?

- 1 It uses lights to tell drivers how well they are driving.
付 (つ) ける
- 2 It has a red light to tell drivers when to **turn on** the engine.
地球温暖化 (ちきゅうおんだんか)
- 3 It tests people on how much they know about **global warming**.
蓄 (たくわ) える 他 (ほか) の 部分 (ぶぶん) ~するよう
- 4 It **stores** fuel in another **part** of the bus so that it is not wasted.

(45) What is one thing that Stagecoach Bus is trying to do?

- 1 Get a **prize** for their eco-driving system.
賞 (しょう)
- 2 Create a new type of bus that uses no fuel.
- 3 Make money by teaching drivers at other bus companies.
減 (へ) らす ~の 数 (かず) 引 (ひ) き起 (お) こされた 下手 (へた) な
- 4 **Reduce** the number of accidents **caused** by **poor** driving.

Answers for “Further Questions”.

- 1) What is one reason buses are not a perfect answer to environmental problems?
They use more fuel than they need to.
- 2) How do some people say bus drivers should be trained?
Some people say bus drivers should be trained to practice “eco-driving”.
- 3) What does Eco-driving mean?
Eco-driving means helping the environment by driving in a way that uses less fuel.
- 4) What are some things bus drivers do that waste a large amount of fuel?
Things such as speeding up quickly or leaving the engine on while the bus is not moving waste a large amount of fuel.
- 5) What does the red light on the system mean?
It means that the driver is wasting fuel.
- 6) How much could SmartDrive improve drivers’ fuel savings?
They found they could improve drivers’ fuel savings by as much as 18.7 percent.
- 7) What is another benefit of eco-driving?
Another benefit of eco-driving is that it is safer.

- 8) How does Stagecoach Bus get drivers to improve their driving style?
Stagecoach Bus is offering its drivers extra money if they can improve their driving style.

解答 : (42)3 (43)4 (44)1 (45)4