

NEWS ENGLISH LESSONS.com

Scientists make petrol from air

MANY FLASH AND ONLINE ACTIVITIES FOR THIS LESSON, PLUS A LISTENING, AT:

http://www.NewsEnglishLessons.com/1210/121020-petrol_from_air.html

IN THIS LESSON:

The Reading / Tapescript	2
Phrase Match	3
Listening Gap Fill	4
Multiple Choice	5
Spelling	6
Put the Text Back Together	7
Scrambled Sentences	8
Discussion	9
Writing	10
Homework	11

ALL ANSWERS ARE IN THE TEXT ON PAGE 2.

20th October, 2012

THE READING / TAPESCRIPT

From: http://www.NewsEnglishLessons.com/1210/121020-petrol_from_air.html

A small British company has developed a way to create petrol from air and water. Their technology could help in the battle against climate change. It could also be an answer to the world's energy problems. The company is in the north of England and is called Air Fuel Synthesis (AFS). Engineers said they have made five litres of petrol so far. It takes 24 hours to make one litre. The company needs more time to be able to produce their petrol at a cheaper cost. They say they could be ready to sell it in 15 years.

The technique to make the petrol involves mixing carbon dioxide from air and hydrogen from water. It turns the two chemicals into methanol. This is then converted into petrol. Peter Harrison, boss of AFS, said his petrol was cleaner than that made from oil. "It's actually cleaner because it's synthetic," he said. He added: "When oil becomes a problem we will be able to [help] to keep cars moving or to keep aeroplanes moving." Industry expert Tim Fox said: "It sounds too good to be true, but it is true."

PHRASE MATCH

From: http://www.NewsEnglishLessons.com/1210/121020-petrol_from_air.html

Match the following phrases from the article.

Paragraph 1

- | | |
|---|-----------------------|
| 1. a way to create petrol | a. change |
| 2. the battle against climate | b. make one litre |
| 3. an answer to the world's | c. from air and water |
| 4. they have made five litres of petrol | d. in 15 years |
| 5. It takes 24 hours to | e. energy problems |
| 6. they could be ready to sell it | f. so far |

Paragraph 2

- | | |
|----------------------------------|----------------------|
| 1. The technique to | a. into methanol |
| 2. carbon | b. becomes a problem |
| 3. It turns the two chemicals | c. good to be true |
| 4. It's actually cleaner because | d. dioxide |
| 5. When oil | e. make the petrol |
| 6. It sounds too | f. it's synthetic |

LISTENING GAP FILL

From: http://www.NewsEnglishLessons.com/1210/121020-petrol_from_air.html

A small British company has developed (1) _____ petrol from air and water. Their technology could help in the battle (2) _____. It could also be an answer to the world's energy problems. The company (3) _____ England and is called Air Fuel Synthesis (AFS). Engineers said they have made five litres (4) _____. It takes 24 hours to make one litre. The company needs more time to be able to produce their petrol (5) _____. They say they could be (6) _____ 15 years.

The (7) _____ the petrol involves mixing carbon dioxide from air and hydrogen from water. It turns the two chemicals into methanol. This is (8) _____ petrol. Peter Harrison, boss of AFS, said his petrol was cleaner (9) _____ oil. "It's actually cleaner because it's synthetic," he said. He added: "(10) _____ problem we will be able (11) _____ cars moving or to keep aeroplanes moving." Industry expert Tim Fox said: "It sounds (12) _____ true, but it is true."

MULTIPLE CHOICE

From: http://www.NewsEnglishLessons.com/1210/121020-petrol_from_air.html

A small British company has developed a (1) _____ to create petrol from air and water. Their technology could help in the battle (2) _____ climate change. It could also be an (3) _____ to the world's energy problems. The company is (4) _____ the north of England and is called Air Fuel Synthesis (AFS). Engineers said they have made five litres of petrol (5) _____ far. It takes 24 hours to make one litre. The company needs more time to be able to produce their petrol at a cheaper cost. They say they could be (6) _____ to sell it in 15 years.

The technique to make the petrol involves (7) _____ carbon dioxide from air and hydrogen from water. It turns the two chemicals (8) _____ methanol. This is (9) _____ converted into petrol. Peter Harrison, boss of AFS, said his petrol was cleaner than that made from oil. "It's actually cleaner because it's synthetic," he said. He added: "When oil becomes a (10) _____ we will be (11) _____ to [help] to keep cars moving or to keep aeroplanes moving." Industry expert Tim Fox said: "It sounds (12) _____ good to be true, but it is true."

Put the correct words from this table into the article.

- | | | | |
|-----|-------------|--------------|---------------------|
| 1. | (a) weigh | (b) ways | (c) way |
| 2. | (a) against | (b) for | (c) win |
| 3. | (a) reply | (b) respond | (c) answer |
| 4. | (a) up | (b) in | (c) at |
| 5. | (a) as | (b) of | (c) so |
| 6. | (a) already | (b) ready | (c) ready steady go |
| 7. | (a) mixing | (b) maxing | (c) mining |
| 8. | (a) into | (b) up to | (c) onto |
| 9. | (a) that | (b) then | (c) therefore |
| 10. | (a) answer | (b) solution | (c) problem |
| 11. | (a) can | (b) able | (c) could |
| 12. | (a) too | (b) to | (c) two |

SPELLING

From: http://www.NewsEnglishLessons.com/1210/121020-petrol_from_air.html

Spell the jumbled words (from the text) correctly.

Paragraph 1

1. evldeoepd a way to create petrol
2. the battle stngaai climate change
3. an answer to the world's ereygn problems
4. in the rtnho of England
5. petrol at a ecaerhp cost
6. yedra to sell it

Paragraph 2

7. The ienhtcuqe to make the petrol
8. enrgdohy from water
9. nvetoredc into petrol
10. cleaner because it's hsticntey
11. keep cars vgomni
12. Industry xpteer

PUT THE TEXT BACK TOGETHER

From: http://www.NewsEnglishLessons.com/1210/121020-petrol_from_air.html

Number these lines in the correct order.

- () The technique to make the petrol involves mixing carbon dioxide from air and hydrogen
- () a problem we will be able to [help] to keep cars moving or to keep aeroplanes
- () into petrol. Peter Harrison, boss of AFS, said his petrol was cleaner than that made from oil. "It's actually
- () of England and is called Air Fuel Synthesis (AFS). Engineers said they have made five litres of petrol so
- () answer to the world's energy problems. The company is in the north
- (**1**) A small British company has developed a way to create petrol from air
- () and water. Their technology could help in the battle against climate change. It could also be an
- () far. It takes 24 hours to make one litre. The company needs more time to be able to
- () from water. It turns the two chemicals into methanol. This is then converted
- () produce their petrol at a cheaper cost. They say they could be ready to sell it in 15 years.
- () cleaner because it's synthetic," he said. He added: "When oil becomes
- () moving." Industry expert Tim Fox said: "It sounds too good to be true, but it is true."

PUT THE WORDS IN THE RIGHT ORDER

From: http://www.NewsEnglishLessons.com/1210/121020-petrol_from_air.html

With a partner, put the words back into the correct order.

1. create Developed petrol a from way air to.

2. against battle the in Help change climate.

3. to the Be world's an energy answer problems.

4. litres so They five petrol made of far have.

5. sell it in 15 years They could be ready to.

6. chemicals two the turns It methanol into.

7. is converted petrol This then into.

8. actually because synthetic It's cleaner it's.

9. to help to keep cars moving We will be able.

10. it true good It is , to sounds true but be too.

DISCUSSION (Write your own questions)

STUDENT A's QUESTIONS (Do not show these to student B)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Copyright © www.NewsEnglishLessons.com

DISCUSSION (Write your own questions)

STUDENT B's QUESTIONS (Do not show these to student A)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

HOMEWORK

1. VOCABULARY EXTENSION: Choose several of the words from the text. Use a dictionary or Google's search field (or another search engine) to build up more associations / collocations of each word.

2. PETROL FROM AIR: Search the Internet and find more information about petrol from air. Talk about what you discover with your partner(s) in the next lesson.

3. MAGAZINE ARTICLE: Write a magazine article about climate change. Include an imaginary interview with the boss of the petrol-from-air company. Read what you wrote to your classmates in the next lesson. Give each other feedback on your articles.

4. WHAT HAPPENED NEXT? Write a newspaper article about the next stage in this news story. Read what you wrote to your classmates in the next lesson. Give each other feedback on your articles.

5. LETTER: Write a letter to a climate change expert. Ask him/her three questions about climate change and the petrol from air. Give him/her three of your opinions on the new way to make petrol. Read what you wrote to your classmates in the next lesson. Your partner will answer the questions you asked.