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## Level 3

# Only 10% of UK engineers are women

6th November, 2013

<http://www.breakingnewsenglish.com/1311/131106-women-engineers.html>

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**Please try Levels 0, 1 and 2 (they are easier).**

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# THE ARTICLE

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

A new report says less than ten per cent of Britain's engineers are women. This is the lowest figure of all European countries. Vince Cable, the UK Business Secretary, told reporters that this would be an "enormous problem for years to come". He said one of the biggest areas that needed more women was in computer science. Many women graduate from university with degrees in computer science, so Mr Cable did not understand why there were so few female computer engineers. He suggested that many companies had a "psychological barrier" against women becoming engineers. He said: "Half of all state schools don't have a single girl doing physics. We are only tapping half the population."

The British government has started a new campaign to get more women into engineering. It is called "Tomorrow's Engineers Week" and started on November the 4th. Mr Cable said at the launch: "Engineering has a vital role to play in the future of UK industry. It is important that we act now to ensure businesses have access to the skills they require to enable them to grow." A spokesman for Siemens UK said Britain needed to "help young people understand how an engineering [training programme] can lead to a rewarding career". The campaign website said it would "showcase all the exciting businesses and industries...that rely on the work of creative engineers."

Sources: <http://www.independent.co.uk/news/business/news/campaign-unveiled-to-inspire-young-to-go-into-engineering-8920049.html>  
<http://www.theguardian.com/politics/2013/nov/04/vince-cable-uk-economy-female-engineers>  
<http://www.tomorrowsengineers.org.uk/week/>

# WARM-UPS

**1. WOMEN ENGINEERS:** Students walk around the class and talk to other students about women engineers. Change partners often and share your findings.

**2. CHAT:** In pairs / groups, decide which of these topics or words from the article are most interesting and which are most boring.

*new report / less than 10% / engineers / enormous problem / computer science / campaign / a vital role / act now / training / rewarding career / exciting businesses*

Have a chat about the topics you liked. Change topics and partners frequently.

**3. ENGINEERING:** How important are these branches of engineering? Complete this table with your partner(s). Change partners often and share what you wrote.

	How important?	Why?	The future?
Materials engineering			
Civil engineering			
Computer engineering			
Electrical engineering			
Genetic engineering			
Mechanical engineering			

**4. VITAL ROLE:** Students A **strongly** believe engineering is more important than most jobs; Students B **strongly** believe the opposite. Change partners again and talk about your conversations.

**5. CAREER:** Rank these engineering jobs and share your rankings with your partner. Put the best career at the top. Change partners often and share your rankings.

- designing roads
- genetic engineer
- nanotechnology
- computer systems
- electronic devices
- automotive engineer
- industrial design
- space engineer

**6. ENGINEER:** Spend one minute writing down all of the different words you associate with the word "engineer". Share your words with your partner(s) and talk about them. Together, put the words into different categories.

# BEFORE READING / LISTENING

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

**1. TRUE / FALSE:** Read the headline. Guess if a-h below are true (T) or false (F).

- |   |       |
|---|-------|
| a. Just over 10% of UK engineers are women.                           | T / F |
| b. Britain has the lowest percentage of female engineers in Europe.   | T / F |
| c. Many women graduate from university with computer science degrees. | T / F |
| d. Half of the girls in state schools study physics.                  | T / F |
| e. The UK launched a new campaign called "Next Week's Engineers".     | T / F |
| f. The UK Business Secretary said his country must take action now.   | T / F |
| g. A spokesman said a career in engineering isn't that rewarding.     | T / F |
| h. A website will have information on the work of creative engineers. | T / F |

**2. SYNONYM MATCH:** Match the following synonyms from the article.

- |              |              |
|--------------|--------------|
| 1. report    | a. fields    |
| 2. figure    | b. study     |
| 3. enormous  | c. essential |
| 4. areas     | d. huge      |
| 5. tapping   | e. start     |
| 6. campaign  | f. number    |
| 7. launch    | g. fruitful  |
| 8. vital     | h. drive     |
| 9. rewarding | i. depend on |
| 10. rely on  | j. using     |

**3. PHRASE MATCH:** (Sometimes more than one choice is possible.)

- |  |                               |
|--|-------------------------------|
| 1. an enormous problem                   | a. a new campaign             |
| 2. graduate from university with degrees | b. career                     |
| 3. companies had a psychological         | c. girl doing physics         |
| 4. schools don't have a single           | d. role to play in the future |
| 5. We are only tapping                   | e. for years to come          |
| 6. The British government has started    | f. barrier against women      |
| 7. Engineering has a vital               | g. act now                    |
| 8. It is important that we               | h. half the population        |
| 9. lead to a rewarding                   | i. of creative engineers      |
| 10. rely on the work                     | j. in computer science        |

# GAP FILL

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

A new report says (1) \_\_\_\_\_ than ten per cent of Britain's engineers are women. This is the (2) \_\_\_\_\_ figure of all European countries. Vince Cable, the UK Business Secretary, told reporters that this would be an "(3) \_\_\_\_\_ problem for years to come". He said one of the biggest (4) \_\_\_\_\_ that needed more women was in computer science. Many women (5) \_\_\_\_\_ from university with degrees in computer science, so Mr Cable did not understand why there were so (6) \_\_\_\_\_ female computer engineers. He suggested that many companies had a "psychological (7) \_\_\_\_\_ " against women becoming engineers. He said: "Half of all state schools don't have a single girl doing physics. We are only tapping (8) \_\_\_\_\_ the population."

*areas*  
*barrier*  
*enormous*  
*less*  
*half*  
*lowest*  
*graduate*  
*few*

The British government has started a new (9) \_\_\_\_\_ to get more women into engineering. It is called "Tomorrow's Engineers Week" and started on November the 4th. Mr Cable said at the (10) \_\_\_\_\_: "Engineering has a (11) \_\_\_\_\_ role to play in the future of UK industry. It is important that we act now to (12) \_\_\_\_\_ businesses have access to the skills they require to (13) \_\_\_\_\_ them to grow." A spokesman for Siemens UK said Britain needed to "help young people understand how an engineering [training programme] can (14) \_\_\_\_\_ to a (15) \_\_\_\_\_ career". The campaign website said it would "showcase all the exciting businesses and industries...that (16) \_\_\_\_\_ on the work of creative engineers."

*ensure*  
*rewarding*  
*launch*  
*enable*  
*campaign*  
*rely*  
*lead*  
*vital*

# LISTENING – Guess the answers. Listen to check.

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

- 1) This is the lowest \_\_\_\_\_ European countries
  - a. figures of all
  - b. figured of all
  - c. figure of all
  - d. figurine of all
- 2) Many women graduate from university \_\_\_\_\_ computer science
  - a. with degrees on
  - b. with degrees in
  - c. with degree sin
  - d. with degrees of
- 3) He suggested that many companies had a " \_\_\_\_\_ " against women
  - a. physiological barrier
  - b. psychological barrier
  - c. pathological barrier
  - d. phonological barrier
- 4) Half of all state schools don't have a single \_\_\_\_\_
  - a. girl doing physics
  - b. girl doing physicals
  - c. girl doing psychics
  - d. girl doing physicists
- 5) We are only \_\_\_\_\_ population
  - a. topping half the
  - b. tipping half the
  - c. taping half the
  - d. tapping half the
- 6) a new campaign to get more women \_\_\_\_\_
  - a. onto engineering
  - b. unto engineering
  - c. into engineering
  - d. in to engineering
- 7) Engineering has \_\_\_\_\_ to play in the future of UK industry
  - a. a vital roll
  - b. a vital real
  - c. a vital role
  - d. a vital rule
- 8) ensure businesses have access to the skills they require to \_\_\_\_\_ grow
  - a. disable them to
  - b. enable them to
  - c. in able them to
  - d. in a ball them to
- 9) understand how an engineering training programme can lead to \_\_\_\_\_
  - a. a reward in career
  - b. a rewarded career
  - c. a rewording career
  - d. a rewarding career
- 10) The campaign website said it \_\_\_\_\_ the exciting businesses and industries
  - a. would case show all
  - b. would snow case all
  - c. would showcase all
  - d. would book case all

# LISTENING – Listen and fill in the gaps

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

A new report (1) \_\_\_\_\_ per cent of Britain's engineers are women. This is the (2) \_\_\_\_\_ European countries. Vince Cable, the UK Business Secretary, told reporters that this would be an "enormous problem (3) \_\_\_\_\_ ". He said one of the biggest areas that needed more women was in computer science. Many women graduate from university (4) \_\_\_\_\_ computer science, so Mr Cable did not understand why there were so few female computer engineers. He suggested that many companies had a "(5) \_\_\_\_\_" against women becoming engineers. He said: "Half of all state schools don't have (6) \_\_\_\_\_ physics. We are only tapping half the population."

The British government has started (7) \_\_\_\_\_ get more women into engineering. It is called "Tomorrow's Engineers Week" and started on November the 4th. Mr Cable (8) \_\_\_\_\_: "Engineering has a (9) \_\_\_\_\_ in the future of UK industry. It is important that we act now to ensure businesses have access to the skills they (10) \_\_\_\_\_ them to grow." A spokesman for Siemens UK said Britain needed to "help young people understand how an engineering [training programme] can lead (11) \_\_\_\_\_ ". The campaign website said it would "showcase all the exciting businesses and industries...that (12) \_\_\_\_\_ creative engineers."

# COMPREHENSION QUESTIONS

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

1. What percentage of UK engineers are women?

---

2. How many European countries have a lower percentage?

---

3. What area did the Business Secretary say needed more women?

---

4. What kind of barrier might companies have against women engineers?

---

5. How many girls study physics in half of Britain's state schools?

---

6. What is the name of the UK's new campaign?

---

7. What has a vital role to play in the future of UK industry?

---

8. What do businesses need to grow?

---

9. What kind of career did Siemens say engineering is?

---

10. What do businesses and industries rely on?

---



# MULTIPLE CHOICE - QUIZ

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

1. What percentage of UK engineers are women?
  - a) 10%
  - b) less than 10%
  - c) 10.01%
  - d) just over 10%
2. How many European countries have a lower percentage?
  - a) 3
  - b) 2
  - c) 1
  - d) none
3. What area did the Business Secretary say needed more women?
  - a) computer science
  - b) London
  - c) 10 square metres
  - d) figures
4. What kind of barrier might companies have against women engineers?
  - a) a pathological one
  - b) a phonological one
  - c) a psychological one
  - d) a physiological one
5. How many girls study physics in half of Britain's state schools?
  - a) 35%
  - b) none
  - c) 2,387
  - d) around a million
6. What is the name of the UK's new campaign?
  - a) Tomorrow's Engineers Week
  - b) Tomorrow's Weekly Engineers
  - c) Engineers Tomorrow Week
  - d) Engineers A Week Tomorrow
7. What has a vital role to play in the future of UK industry?
  - a) food
  - b) acting
  - c) engineering
  - d) access
8. What do businesses need to grow?
  - a) access to skills
  - b) seeds
  - c) sunlight and water
  - d) luck
9. What kind of career did Siemens say engineering is?
  - a) rewarding
  - b) comforting
  - c) tortuous
  - d) programming
10. What do businesses and industries rely on?
  - a) innovation
  - b) each other
  - c) showcases
  - d) the work of creative engineers

# ROLE PLAY

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

## **Role A – Designing cities**

You think designing cities is the best engineering job. Tell the others three reasons why. Tell them things that are wrong with their jobs. Also, tell the others which is the worst of these (and why): a genetic engineer, an engineer at Apple or a space engineer.

## **Role B – Genetic engineer**

You think a genetic engineer is the best engineering job. Tell the others three reasons why. Tell them things that are wrong with their jobs. Also, tell the others which is the worst of these (and why): designing cities, an engineer at Apple or a space engineer.

## **Role C – Engineer at Apple**

You think an engineer at Apple is the best engineering job. Tell the others three reasons why. Tell them things that are wrong with their jobs. Also, tell the others which is the worst of these (and why): a genetic engineer, designing cities or a space engineer.

## **Role D – Space engineer**

You think a space engineer is the best engineering job. Tell the others three reasons why. Tell them things that are wrong with their jobs. Also, tell the others which is the worst of these (and why): a genetic engineer, an engineer at Apple or designing cities.

# AFTER READING / LISTENING

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

**1. WORD SEARCH:** Look in your dictionary / computer to find collocates, other meanings, information, synonyms ... for the words 'computer' and 'science'.

<b>computer</b>	<b>science</b>
-----------------	----------------

- Share your findings with your partners.
- Make questions using the words you found.
- Ask your partner / group your questions.

**2. ARTICLE QUESTIONS:** Look back at the article and write down some questions you would like to ask the class about the text.

- Share your questions with other classmates / groups.
- Ask your partner / group your questions.

**3. GAP FILL:** In pairs / groups, compare your answers to this exercise. Check your answers. Talk about the words from the activity. Were they new, interesting, worth learning...?

**4. VOCABULARY:** Circle any words you do not understand. In groups, pool unknown words and use dictionaries to find their meanings.

**5. TEST EACH OTHER:** Look at the words below. With your partner, try to recall how they were used in the text:

<ul style="list-style-type: none"><li>• less</li><li>• years</li><li>• degrees</li><li>• few</li><li>• barrier</li><li>• half</li></ul>	<ul style="list-style-type: none"><li>• new</li><li>• role</li><li>• act</li><li>• grow</li><li>• lead</li><li>• rely</li></ul>
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# WOMEN ENGINEERS SURVEY

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

Write five GOOD questions about women engineers in the table. Do this in pairs. Each student must write the questions on his / her own paper. When you have finished, interview other students. Write down their answers.

	STUDENT 1 _____	STUDENT 2 _____	STUDENT 3 _____
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

# ENGINEERS DISCUSSION

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

- a) What did you think when you read the headline?
- b) What springs to mind when you hear the word 'engineer'?
- c) Why do you think there are so few women engineers in Britain?
- d) Why is this an "enormous problem"?
- e) Are women attracted to engineering as a career?
- f) What do you think of a job in engineering?
- g) How important are engineers?
- h) Do you think studying computer science would be interesting?
- i) Why might companies have a "psychological barrier" against women becoming engineers?
- j) Did / Do you like studying physics?

*Only 10% of UK engineers are women – 6th November, 2013*  
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# ENGINEERS DISCUSSION

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

- a) Did you like reading this article? Why/not?
- b) What do you think of the "Tomorrow's Engineers Week" campaign?
- c) Are men or women better engineers?
- d) Why is engineering vital for the future?
- e) Is engineering an attractive career in your country? (Why)?
- f) What kind of engineer would you like to be?
- g) Is engineering a "rewarding career"?
- h) Would you prefer to be an engineer at Apple or NASA?
- i) Which is a better job, an engineer or a banker?
- j) What questions would you like to ask an engineer?

# DISCUSSION (Write your own questions)

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

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

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# DISCUSSION (Write your own questions)

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

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

# LANGUAGE - CLOZE

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

A new report says less than ten per cent of Britain's engineers are women. This is the lowest (1) \_\_\_\_\_ of all European countries. Vince Cable, the UK Business Secretary, told reporters that this would be an "(2) \_\_\_\_\_ problem for years to come". He said one of the biggest areas that (3) \_\_\_\_\_ more women was in computer science. Many women graduate from university with degrees (4) \_\_\_\_\_ computer science, so Mr Cable did not understand why there were so (5) \_\_\_\_\_ female computer engineers. He suggested that many companies had a "psychological barrier" against women becoming engineers. He said: "Half of all state schools don't have a (6) \_\_\_\_\_ girl doing physics. We are only tapping half the population."

The British government has started a new campaign to (7) \_\_\_\_\_ more women into engineering. It is called "Tomorrow's Engineers Week" and started on November the 4th. Mr Cable said at the (8) \_\_\_\_\_: "Engineering has a vital role to play in the future of UK industry. It is important that we act now to (9) \_\_\_\_\_ businesses have access to the skills they require to (10) \_\_\_\_\_ them to grow." A spokesman for Siemens UK said Britain needed to "help young people understand how an engineering [training programme] can lead to a (11) \_\_\_\_\_ career". The campaign website said it would "showcase all the exciting businesses and industries...that rely (12) \_\_\_\_\_ the work of creative engineers."

## Put the correct words from the table below in the above article.

- |     |              |               |               |                |
|-----|--------------|---------------|---------------|----------------|
| 1.  | (a) numeral  | (b) per cent  | (c) figure    | (d) statistics |
| 2.  | (a) enormous | (b) huge      | (c) largest   | (d) seriously  |
| 3.  | (a) needed   | (b) necessary | (c) requiring | (d) must       |
| 4.  | (a) in       | (b) on        | (c) to        | (d) at         |
| 5.  | (a) much     | (b) few       | (c) small     | (d) little     |
| 6.  | (a) married  | (b) lone      | (c) solitary  | (d) single     |
| 7.  | (a) make     | (b) do        | (c) get       | (d) work       |
| 8.  | (a) orbit    | (b) liftoff   | (c) pitch     | (d) launch     |
| 9.  | (a) ensure   | (b) sure      | (c) surety    | (d) sureness   |
| 10. | (a) enable   | (b) disable   | (c) abled     | (d) ability    |
| 11. | (a) bounty   | (b) rewarding | (c) prize     | (d) pay        |
| 12. | (a) at       | (b) in        | (c) on        | (d) to         |

# SPELLING

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

## Paragraph 1

1. an eonrusmo problem for years to come
2. Many women gtardeau from university
3. egeders in computer science
4. a "psychological reirbra"
5. schools don't have a single girl doing chspisy
6. only tapping half the tpluinoaop

## Paragraph 2

7. started a new panamigc
8. at the nuchla
9. reeusn businesses have access
10. lead to a iadwrnreg career
11. exciting businesses and rsiditsnue
12. rely on the work of reteiavc engineers



# PUT THE TEXT BACK TOGETHER

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

**Number these lines in the correct order.**

- ( ) all the exciting businesses and industries...that rely on the work of creative engineers."
- ( **1** ) A new report says less than ten per cent of Britain's engineers are women. This is the lowest
- ( ) in computer science. Many women graduate from university with degrees in computer science, so Mr Cable did
- ( ) not understand why there were so few female computer engineers. He suggested that many companies had a "psychological
- ( ) girl doing physics. We are only tapping half the population."
- ( ) engineering [training programme] can lead to a rewarding career". The campaign website said it would "showcase
- ( ) for Siemens UK said Britain needed to "help young people understand how an
- ( ) launch: "Engineering has a vital role to play in the future of UK industry. It is important that we
- ( ) act now to ensure businesses have access to the skills they require to enable them to grow." A spokesman
- ( ) figure of all European countries. Vince Cable, the UK Business Secretary, told reporters that this would be an "enormous
- ( ) barrier" against women becoming engineers. He said: "Half of all state schools don't have a single
- ( ) "Tomorrow's Engineers Week" and started on November the 4th. Mr Cable said at the
- ( ) The British government has started a new campaign to get more women into engineering. It is called
- ( ) problem for years to come". He said one of the biggest areas that needed more women was

# PUT THE WORDS IN THE RIGHT ORDER

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

1. all the of countries is figure European This lowest.

---

2. for years to come This would be an enormous problem.

---

3. psychological A engineers becoming women against barrier.

---

4. a single Schools girl don't doing have physics.

---

5. half tapping only are We population the.

---

6. campaign more engineering new get into A to women.

---

7. has a vital role to play in the future Engineering.

---

8. now act we that important is It.

---

9. understand people young help to needed Britain.

---

10. on of rely work engineers that the creative Industries.

---

# CIRCLE THE CORRECT WORD (20 PAIRS)

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

A new report says *less / few* than ten per cent of Britain's engineers are women. This is the lowest *numeral / figure* of all European countries. Vince Cable, the UK Business Secretary, told reporters that this would be an "enormous problem for years to *go / come*". He said one of the biggest *areas / area* that needed more women was *on / in* computer science. Many women *graduating / graduate* from university with degrees in computer science, so Mr Cable did not understand why there *was / were* so few female computer engineers. He *suggested / suggestion* that many companies had a "psychological barrier" *against / for* women becoming engineers. He said: "Half of all state schools don't have a *married / single* girl doing physics. We are only tapping half the population."

The British government has started a new *campaigner / campaign* to get more women into *engineer / engineering*. It is called "Tomorrow's Engineers Week" and started on November the 4th. Mr Cable said at the *blastoff / launch*: "Engineering has a *vital / vitality* role to *play / game* in the future of UK industry. It is important that we *act / action* now to ensure businesses have *access / excess* to the skills they require to enable them to *growth / grow*." A spokesman for Siemens UK said Britain needed to "help young people understand how an engineering [training programme] can lead to a rewarding career". The campaign website said it would "*bookcase / showcase* all the exciting businesses and industries...that rely *in / on* the work of creative engineers."

**Talk about the connection between each pair of words in italics, and why the correct word is correct.**

# INSERT THE VOWELS (a, e, i, o, u)

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

\_ n\_ w\_ r\_ p\_ r\_ t\_ s\_ y\_ s\_ l\_ s\_ s\_ t\_ h\_ n\_ t\_ n\_ p\_ r\_ c\_ n\_ t\_ \_ f\_ B\_ r\_ t\_ \_ n\_ 's  
\_ n\_ g\_ n\_ \_ r\_ s\_ \_ r\_ w\_ m\_ n\_ . T\_ h\_ s\_ \_ s\_ t\_ h\_ l\_ w\_ s\_ t\_ f\_ g\_ r\_ \_ f\_ l\_ l  
\_ \_ r\_ p\_ \_ n\_ c\_ \_ n\_ t\_ r\_ \_ s\_ . V\_ n\_ c\_ \_ C\_ b\_ l\_ , t\_ h\_ \_ K\_ B\_ s\_ n\_ s\_ s  
S\_ c\_ r\_ t\_ r\_ y\_ , t\_ l\_ d\_ r\_ p\_ r\_ t\_ r\_ s\_ t\_ h\_ t\_ t\_ h\_ s\_ w\_ \_ l\_ d\_ b\_ \_ n  
" \_ n\_ r\_ m\_ \_ s\_ p\_ r\_ b\_ l\_ m\_ f\_ r\_ y\_ \_ r\_ s\_ t\_ c\_ m\_ " . H\_ s\_ \_ d\_ n\_ \_ f  
t\_ h\_ b\_ g\_ g\_ s\_ t\_ \_ r\_ \_ s\_ t\_ h\_ t\_ n\_ \_ d\_ d\_ m\_ r\_ w\_ m\_ n\_ w\_ s\_ \_ n  
c\_ m\_ p\_ t\_ r\_ s\_ c\_ \_ n\_ c\_ . M\_ n\_ y\_ w\_ m\_ n\_ g\_ r\_ d\_ \_ t\_ f\_ r\_ m  
\_ n\_ v\_ r\_ s\_ t\_ y\_ w\_ t\_ h\_ d\_ g\_ r\_ \_ s\_ \_ n\_ c\_ m\_ p\_ t\_ r\_ s\_ c\_ \_ n\_ c\_ , s\_ M\_ r  
C\_ b\_ l\_ d\_ d\_ n\_ t\_ \_ n\_ d\_ r\_ s\_ t\_ n\_ d\_ w\_ h\_ y\_ t\_ h\_ r\_ w\_ r\_ s\_ \_ f\_ w  
f\_ m\_ l\_ c\_ m\_ p\_ t\_ r\_ \_ n\_ g\_ n\_ \_ r\_ s\_ . H\_ s\_ g\_ g\_ s\_ t\_ d\_ t\_ h\_ t\_ m\_ n\_ y  
c\_ m\_ p\_ n\_ \_ s\_ h\_ d\_ \_ " p\_ s\_ y\_ c\_ h\_ l\_ g\_ c\_ l\_ b\_ r\_ r\_ r\_ " \_ g\_ \_ n\_ s\_ t  
w\_ m\_ n\_ b\_ c\_ m\_ n\_ g\_ \_ n\_ g\_ n\_ \_ r\_ s\_ . H\_ s\_ \_ d\_ : " H\_ l\_ f\_ \_ f\_ l\_ l  
s\_ t\_ t\_ s\_ c\_ h\_ \_ l\_ s\_ d\_ n\_ 't\_ h\_ v\_ \_ \_ s\_ n\_ g\_ l\_ g\_ r\_ l\_ d\_ \_ n\_ g\_ p\_ h\_ y\_ s\_ c\_ s\_ .  
W\_ \_ r\_ \_ n\_ l\_ y\_ t\_ p\_ p\_ n\_ g\_ h\_ l\_ f\_ t\_ h\_ p\_ p\_ l\_ t\_ \_ n\_ . "

T\_ h\_ B\_ r\_ t\_ s\_ h\_ g\_ v\_ r\_ n\_ m\_ n\_ t\_ h\_ s\_ s\_ t\_ r\_ t\_ d\_ \_ n\_ w\_ c\_ m\_ p\_ \_ g\_ n  
t\_ \_ g\_ t\_ m\_ r\_ w\_ m\_ n\_ \_ n\_ t\_ \_ n\_ g\_ n\_ \_ r\_ n\_ g\_ . \_ t\_ \_ s\_ c\_ l\_ l\_ d  
" T\_ m\_ r\_ r\_ w\_ 's\_ \_ n\_ g\_ n\_ \_ r\_ s\_ W\_ \_ k\_ " \_ n\_ d\_ s\_ t\_ r\_ t\_ d\_ \_ n  
N\_ v\_ m\_ b\_ r\_ t\_ h\_ 4\_ t\_ h\_ . M\_ r\_ C\_ b\_ l\_ s\_ \_ d\_ \_ t\_ t\_ h\_ l\_ \_ n\_ c\_ h\_ :  
" \_ n\_ g\_ n\_ \_ r\_ n\_ g\_ h\_ s\_ \_ v\_ t\_ l\_ r\_ l\_ t\_ p\_ l\_ y\_ \_ n\_ t\_ h\_ f\_ t\_ r\_ \_ f  
\_ K\_ \_ n\_ d\_ s\_ t\_ r\_ y\_ . \_ t\_ \_ s\_ \_ m\_ p\_ r\_ t\_ n\_ t\_ t\_ h\_ t\_ w\_ \_ c\_ t\_ n\_ w\_ t\_ \_  
\_ n\_ s\_ r\_ b\_ s\_ n\_ s\_ s\_ s\_ h\_ v\_ \_ c\_ c\_ s\_ s\_ t\_ t\_ h\_ s\_ k\_ l\_ l\_ s\_ t\_ h\_ y  
r\_ q\_ \_ r\_ t\_ \_ n\_ b\_ l\_ t\_ h\_ m\_ t\_ g\_ r\_ w\_ . " \_ s\_ p\_ k\_ s\_ m\_ n\_ f\_ r  
S\_ \_ m\_ n\_ s\_ \_ K\_ s\_ \_ d\_ B\_ r\_ t\_ \_ n\_ n\_ \_ d\_ d\_ t\_ " h\_ l\_ p\_ y\_ \_ n\_ g  
p\_ \_ p\_ l\_ \_ n\_ d\_ r\_ s\_ t\_ n\_ d\_ h\_ w\_ \_ n\_ \_ n\_ g\_ n\_ \_ r\_ n\_ g\_ [ t\_ r\_ \_ n\_ g  
p\_ r\_ g\_ r\_ m\_ m\_ ] c\_ n\_ l\_ \_ d\_ t\_ \_ r\_ w\_ r\_ d\_ n\_ g\_ c\_ r\_ \_ r\_ " . T\_ h\_ \_  
c\_ m\_ p\_ \_ g\_ n\_ w\_ b\_ s\_ t\_ s\_ \_ d\_ \_ t\_ w\_ \_ l\_ d\_ " s\_ h\_ w\_ c\_ s\_ \_ l\_ l\_ t\_ h\_ \_  
\_ x\_ c\_ t\_ n\_ g\_ b\_ s\_ n\_ s\_ s\_ s\_ \_ n\_ d\_ \_ n\_ d\_ s\_ t\_ r\_ \_ s\_ ... t\_ h\_ t\_ r\_ l\_ y\_ \_ n\_ t\_ h\_ \_  
w\_ r\_ k\_ \_ f\_ c\_ r\_ \_ t\_ v\_ \_ \_ n\_ g\_ n\_ \_ r\_ s\_ . "

# PUNCTUATE THE TEXT AND ADD CAPITALS

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

a new report says less than ten per cent of Britain's engineers are women. This is the lowest figure of all European countries. Vince Cable, the UK Business Secretary, told reporters that this would be an "enormous problem for years to come." He said one of the biggest areas that needed more women was in computer science. Many women graduate from university with degrees in computer science, so Mr Cable did not understand why there were so few female computer engineers. He suggested that many companies had a "psychological barrier" against women becoming engineers. He said "half of all state schools don't have a single girl doing physics. We are only tapping half the population."

The British government has started a new campaign to get more women into engineering. It is called "Tomorrow's Engineers Week" and started on November 4th. Mr Cable said at the launch "Engineering has a vital role to play in the future of UK industry. It is important that we act now to ensure businesses have access to the skills they require to enable them to grow." A spokesman for Siemens UK said Britain needed to "help young people understand how an engineering [training programme] can lead to a rewarding career." The campaign website said it would "showcase all the exciting businesses and industries...that rely on the work of creative engineers."

# PUT A SLASH ( / ) WHERE THE SPACES ARE

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

A new report says less than ten percent of Britain's engineers are women. This is the lowest figure of all European countries. Vince Cable, the UK Business Secretary, told reporters that this would be an "enormous problem for years to come". He said one of the biggest areas that needed more women was in computer science. Many women graduate from university with degrees in computer science, so Mr Cable did not understand why there were so few female computer engineers. He suggested that many companies had a "psychological barrier" against women becoming engineers. He said: "Half of all state schools don't have a single girl doing physics. We are only tapping half the population." The British government has started a new campaign to get more women into engineering. It is called "Tomorrow's Engineers Week" and started on November the 4th. Mr Cable said at the launch: "Engineering has a vital role to play in the future of UK industry. It is important that we act now to ensure businesses have access to the skills they require to enable them to grow." A spokesman for Siemens UK said Britain needed to "help young people understand how a career in engineering [training programme] can lead to a rewarding career". The campaign website said it would "showcase all the exciting businesses and industries... that rely on the work of creative engineers."



# ACADEMIC WRITING

From <http://www.BreakingNewsEnglish.com/1311/131106-women-engineers.html>

*There are no jobs that women cannot do.* Discuss.

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# 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. INTERNET:** Search the Internet and find out more about women engineers. Share what you discover with your partner(s) in the next lesson.

**3. WOMEN AT WORK:** Make a poster about women working in jobs they were not doing 50 years ago. Show your work to your classmates in the next lesson. Did you all have similar things?

**4. WOMEN ENGINEERS:** Write a magazine article about women engineers. Include imaginary interviews with people who think they are better than men and people who think men are better.

Read what you wrote to your classmates in the next lesson. Write down any new words and expressions you hear from your partner(s).

**5. 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.

**6. LETTER:** Write a letter to a woman engineer. Ask her three questions about her job. Give her three pieces of advice on how to be a successful engineer. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

# ANSWERS

## TRUE / FALSE (p.4)

a F    b T    c T    d F    e F    f T    g F    h T

## SYNONYM MATCH (p.4)

- |              |              |
|--------------|--------------|
| 1. report    | a. study     |
| 2. figure    | b. number    |
| 3. enormous  | c. huge      |
| 4. areas     | d. fields    |
| 5. tapping   | e. using     |
| 6. campaign  | f. drive     |
| 7. launch    | g. start     |
| 8. vital     | h. essential |
| 9. rewarding | i. fruitful  |
| 10. rely on  | j. depend on |

## COMPREHENSION QUESTIONS (p.8)

1. Less than 10%
2. None
3. Computer Science
4. A psychological barrier
5. None
6. Tomorrow's Engineers Week
7. Engineering
8. Access to skills
9. A rewarding one
10. The work of creative engineers

## MULTIPLE CHOICE - QUIZ (p.9)

1. b    2. d    3. a    4. c    5. b    6. a    7. c    8. a    9. a    10. d

## ALL OTHER EXERCISES

Please check for yourself by looking at the Article on page 2.  
(It's good for your English ;-)