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Level 3 – 5th November, 2018

Lie detector tests at airports are coming

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<https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

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

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THE ARTICLE

From <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

Airports will soon add a new layer to their security procedures. Several airports in Europe will start giving lie detector tests to passengers. Special lie detector machines will use artificial intelligence to test travellers. The lie detector machines are backed by a European Union project called i-BorderControl. The first machines will be at border checkpoints in Hungary, Greece and Latvia. Airports in these countries will carry out trials on the lie detector machines this month. Travellers from outside the European Union will have to take the test. They will look into a webcam and answer questions from a computer-animated immigration official. The computer-generated animation will change to match the race and language of the traveller.

A European Union spokesperson said the virtual border guard will scan passengers' faces and analyze their micro-expressions. They will use these expressions to find out if the passenger might be lying. A human security guard will take over if the lie-detecting software detects a security risk. The procedure will initially divide passengers into two types. Low-risk travellers will be asked basic information in the lie-detection process, while higher-risk passengers will get more detailed questions. A psychology expert doubted if the system would work. He said: "If you ask people to lie, they will do it differently and show very different behavioural cues than if they truly lie....This is a known problem in psychology."

Sources: <https://www.usatoday.com/story/travel/flights/2018/11/02/airports-trying-out-lie-detector-tests-passengers/1856580002/>
<https://www.pcmag.com/news/364741/eu-testing-ai-lie-detectors-at-border-crossings>
<https://www.theguardian.com/world/2018/nov/02/eu-border-lie-detection-system-criticised-as-pseudoscience>

WARM-UPS

1. LIE DETECTOR TESTS: Students walk around the class and talk to other students about lie detector tests. Change partners often and share your findings.

2. CHAT: In pairs / groups, talk about these topics or words from the article. What will the article say about them? What can you say about these words and your life?

airports / security / passengers / project / border / checkpoints / machines / test / virtual / expressions / human / guard / risk / information / process / psychology

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

3. SECURITY: Students A **strongly** believe lie detector tests will improve security at airports; Students B **strongly** believe they won't. Change partners again and talk about your conversations.

4. AIRPORTS: How can airports be made better? Complete this table with your partner(s). Change partners often and share what you wrote.

	Improvement	Why?
Security		
Shopping		
Check-in		
Eating		
Waiting		
Immigration		

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

6. LIES: Rank these with your partner. Put the worst people to lie to at the top. Change partners often and share your rankings.

- yourself
- doctors
- parents
- best friends
- police
- teachers
- husband/wife
- a lie detector

VOCABULARY MATCHING

Paragraph 1

- | | |
|----------------------------|--|
| 1. layer | a. A level of something that is part of a bigger thing. |
| 2. procedures | b. The place at an airport or country's border where government workers check the documents of people entering that country. |
| 3. artificial intelligence | c. A usual or official way of doing something. |
| 4. border | d. A test of the performance, qualities, or suitability of someone or something. |
| 5. trials | e. A system of computers thinking and making decisions like humans. |
| 6. immigration | f. The line between countries, regions and other areas. |
| 7. match | g. Make or get one thing to be the same as another. |

Paragraph 2

- | | |
|-----------------|---|
| 8. virtual | h. The scientific study of the human mind and its functions, especially those changing behavior in a given context. |
| 9. scan | i. Find out or show the presence or existence of something. |
| 10. expressions | j. Not real, but made to look real by computers. |
| 11. detects | k. A person who has a lot of knowledge of or a skill in a particular area. |
| 12. psychology | l. Look at all parts of something carefully in order to find something. |
| 13. expert | m. A signal for an activity to start. |
| 14. cues | n. A look on someone's face that shows a particular emotion. |

BEFORE READING / LISTENING

From <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

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

- a. All European airports will soon introduce lie detector tests. **T / F**
- b. The lie detector machines will use artificial intelligence. **T / F**
- c. Trials on the lie detector machines finished last month. **T / F**
- d. The lie detectors will have an animation of a blonde-haired official. **T / F**
- e. The lie detector will analyze micro-expressions on passenger's faces. **T / F**
- f. The lie detector process splits passengers into two kinds of risk. **T / F**
- g. Higher risk passengers would be asked less detailed questions. **T / F**
- h. A psychology expert suggested the lie detector might not work. **T / F**

2. SYNONYM MATCH: (The words in **bold** are from the news article.)

- | | |
|------------------------|-------------------|
| 1. layer | a. officer |
| 2. procedures | b. at first |
| 3. carry out | c. go with |
| 4. official | d. examine |
| 5. match | e. level |
| 6. spokesperson | f. conduct |
| 7. analyze | g. mistrusted |
| 8. initially | h. system |
| 9. doubted | i. signals |
| 10. cues | j. representative |

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

- | | |
|--------------------------------------|--------------------|
| 1. add a new layer to their security | a. faces |
| 2. giving lie detector tests | b. checkpoints |
| 3. artificial | c. psychology |
| 4. border | d. intelligence |
| 5. a computer-animated immigration | e. risk passengers |
| 6. scan passengers' | f. risk |
| 7. analyze their micro- | g. procedures |
| 8. a security | h. official |
| 9. higher- | i. expressions |
| 10. This is a known problem in | j. to passengers |

GAP FILL

From <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

Airports will soon add a new (1) _____ to their security procedures. Several airports in Europe will start giving lie detector tests to (2) _____. Special lie detector machines will use (3) _____ intelligence to test travellers. The lie detector machines are backed by a European Union (4) _____ called i-BorderControl. The first machines will be at border checkpoints in Hungary, Greece and Latvia. Airports in these countries will carry out (5) _____ on the lie detector machines this month. Travellers from outside the European Union will have to take the test. They will look into a (6) _____ and answer questions from a computer-animated immigration official. The computer-generated (7) _____ will change to match the (8) _____ and language of the traveller.

project
passengers
webcam
layer
trials
race
artificial
animation

A European Union spokesperson said the (9) _____ border guard will scan passengers' faces and (10) _____ their micro-expressions. They will use these expressions to find out if the passenger might be lying. A human (11) _____ guard will take over if the lie-detecting software detects a security (12) _____. The procedure will initially divide passengers into two types. Low-risk travellers will be asked basic information in the lie-detection (13) _____, while higher-risk passengers will get more detailed questions. A psychology (14) _____ doubted if the system would work. He said: "If you ask people to lie, they will do it differently and show very different (15) _____ cues than if they (16) _____ lie....This is a known problem in psychology."

process
virtual
truly
expert
security
behavioural
analyze
risk

LISTENING – Guess the answers. Listen to check.

From <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

- 1) Airports will soon add a new layer to their _____
 - a. securities proceed users
 - b. secure city procedures
 - c. security procedures
 - d. security proceed users
- 2) Several airports in Europe will start giving lie detector _____
 - a. texts to passengers
 - b. tests two passengers
 - c. tests to passengers
 - d. attests to passengers
- 3) The first machines will be at border _____ Hungary
 - a. checkpoint sin
 - b. check point tin
 - c. checkpoints in
 - d. checkpoints inn
- 4) look into a webcam and answer questions from a computer-animated _____
 - a. immigration official
 - b. immigration officials
 - c. in migration officially
 - d. emigration official
- 5) The computer-generated animation will change to _____
 - a. match the race
 - b. march the race
 - c. Mach the race
 - d. much the race
- 6) the virtual border guard will scan passengers' faces and analyze their _____
 - a. macro-expressions
 - b. mike row expressions
 - c. my crow expressions
 - d. micro-expressions
- 7) They will use these expressions to find out if the passenger _____
 - a. might been lying
 - b. might be lie in
 - c. might be lying
 - d. might be line
- 8) A human security guard will take over if the lie-detecting software _____ risk
 - a. defects a security
 - b. detracts a security
 - c. detects a security
 - d. detests a security
- 9) they will do it differently and show very different _____
 - a. behavioural queues
 - b. behave your all cues
 - c. behaviour all queues
 - d. behavioural cues
- 10) if they truly lie....This is a known problem _____
 - a. in psychology
 - b. on psychology
 - c. inn psychology
 - d. I'm psychology

LISTENING – Listen and fill in the gaps

From <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

Airports will soon add a (1) _____ their security procedures. Several airports in Europe will start giving lie detector tests to passengers. Special lie detector machines will use (2) _____ test travellers. The lie detector machines (3) _____ a European Union project called i-BorderControl. The first machines will be at border checkpoints in Hungary, Greece and Latvia. Airports in these countries will (4) _____ on the lie detector machines this month. Travellers from outside the European Union will have to take the test. They will look (5) _____ and answer questions from a computer-animated immigration official. The computer-generated animation will change to (6) _____ and language of the traveller.

A European Union spokesperson said (7) _____ guard will scan passengers' faces and analyze their micro-expressions. They will use these expressions to (8) _____ the passenger might be lying. A human security guard will take over if the lie-detecting software (9) _____ risk. The procedure will initially divide passengers into two types. Low-risk travellers will be asked basic information in the lie-detection process, (10) _____ passengers will get more detailed questions. A psychology (11) _____ the system would work. He said: "If you ask people to lie, they will do it differently and show very different behavioural (12) _____ they truly lie....This is a known problem in psychology."

COMPREHENSION QUESTIONS

From <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

1. What will the lie detectors use?
2. What is backing the lie detector system?
3. How many countries will trial the lie detector this month?
4. What will travellers have to look into?
5. What will the virtual border guard match to the travellers?
6. What will the lie detectors analyze on people's faces?
7. Who will take over if the software detects a security risk?
8. What will high-risk passengers be asked?
9. Who doubted whether the lie detector would work?
10. What kind of cues might people change in front of a lie detector?

MULTIPLE CHOICE - QUIZ

From <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

- 1) What will the lie detectors use?
 - a) Google Translate
 - b) artificial intelligence
 - c) Microsoft Windows
 - d) holographs
- 2) What is backing the lie detector system?
 - a) the FBI
 - b) Interpol
 - c) NASA
 - d) the EU
- 3) How many countries will trial the lie detector this month?
 - a) 3
 - b) 4
 - c) 5
 - d) 6
- 4) What will travellers have to look into?
 - a) a microscope
 - b) a kaleidoscope
 - c) a webcam
 - d) space
- 5) What will the virtual border guard match to the travellers?
 - a) itineraries
 - b) race and language
 - c) boarding passes
 - d) eye colour
- 6) What will the lie detectors analyze on people's faces?
 - a) wrinkles
 - b) stress
 - c) micro-expressions
 - d) eye movement
- 7) Who will take over if the software detects a security risk?
 - a) a pilot
 - b) an immigration officer
 - c) a flight attendant
 - d) a human security guard
- 8) What will high-risk passengers be asked?
 - a) detailed questions
 - b) their age
 - c) questions about their childhood
 - d) to show more ID
- 9) Who doubted whether the lie detector would work?
 - a) a psychology expert
 - b) a pilot
 - c) a software engineer
 - d) a robot
- 10) What kind of cues might people change in front of a lie detector?
 - a) snooker cues
 - b) behavioural cues
 - c) theatre cues
 - d) cues to leave

ROLE PLAY

From <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

Role A – Yourself

You think the worst person to lie to is yourself. Tell the others three reasons why. Tell them why it isn't as bad to lie to their people. Also, tell the others who it is most OK to lie to of these (and why): a doctor, a police officer or your husband/wife.

Role B – A Doctor

You think the worst person to lie to is a doctor. Tell the others three reasons why. Tell them why it isn't as bad to lie to their people. Also, tell the others who it is most OK to lie to of these (and why): yourself, a police officer or your husband/wife.

Role C – A Police Officer

You think the worst person to lie to is a police officer. Tell the others three reasons why. Tell them why it isn't as bad to lie to their people. Also, tell the others who it is most OK to lie to of these (and why): a doctor, yourself or your husband/wife.

Role D – Your Husband/Wife

You think the worst person to lie to is your husband/wife. Tell the others three reasons why. Tell them why it isn't as bad to lie to their people. Also, tell the others who it is most OK to lie to of these (and why): a doctor, a police officer or yourself.

AFTER READING / LISTENING

From <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

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

lie	test

- 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">• new• artificial• backed• first• carry• match	<ul style="list-style-type: none">• scan• take• divide• expert• people• problem
---	--

LIE DETECTOR TESTS SURVEY

From <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

Write five GOOD questions about lie detector tests 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.

LIE DETECTOR TESTS DISCUSSION

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

1. What did you think when you read the headline?
2. What images are in your mind when you hear the word 'lie'?
3. What do you think of airport security?
4. How much more secure will airports be with lie detector tests?
5. When was the last time you told a lie?
6. Do you think you could fool a lie detector test?
7. What is the biggest lie you have told?
8. Should lie detector tests be used in other places?
9. How would you feel about taking a lie detector test?
10. How bad is lying?

Lie detector tests at airports are coming – 5th November, 2018
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LIE DETECTOR TESTS DISCUSSION

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

11. Did you like reading this article? Why/not?
12. What do you think of when you hear the word 'airport'?
13. What do you think about what you read?
14. What do you know about lie detector tests?
15. What is the best kind of airport security?
16. Do you think it's OK to tell white lies?
17. Who do you think "high-risk" passengers are?
18. What do you think of liars?
19. Would you like to see lie detectors used in airports?
20. What questions would you like to ask airport officials?

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 <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

Airports will soon add a new (1) _____ to their security procedures. Several airports in Europe will start giving lie detector tests to passengers. Special lie detector machines will use (2) _____ intelligence to test travellers. The lie detector machines are backed (3) _____ a European Union project called i-BorderControl. The first machines will be at border checkpoints in Hungary, Greece and Latvia. Airports in these countries will carry (4) _____ trials on the lie detector machines this month. Travellers from outside the European Union will have to (5) _____ the test. They will look into a webcam and answer questions from a computer-animated immigration official. The computer-generated animation will change to match the (6) _____ and language of the traveller.

A European Union spokesperson said the (7) _____ border guard will scan passengers' faces and (8) _____ their micro-expressions. They will use these expressions to find out if the passenger might be lying. A human security guard will take (9) _____ if the lie-detecting software detects a security risk. The procedure will initially divide passengers into two types. Low-risk travellers will be asked basic information (10) _____ the lie-detection process, while higher-risk passengers will get more detailed questions. A psychology expert (11) _____ if the system would work. He said: "If you ask people to lie, they will do it differently and show very different behavioural cues than if they (12) _____ lie....This is a known problem in psychology."

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

- | | | | | |
|-----|----------------|------------------|------------------|--------------------|
| 1. | (a) lawyer | (b) lair | (c) layer | (d) liar |
| 2. | (a) artificial | (b) arty fissure | (c) art official | (d) artifice shall |
| 3. | (a) at | (b) by | (c) on | (d) of |
| 4. | (a) us | (b) up | (c) in | (d) out |
| 5. | (a) make | (b) fake | (c) take | (d) wake |
| 6. | (a) contest | (b) race | (c) heat | (d) run |
| 7. | (a) virtual | (b) virtue all | (c) virtually | (d) bird chew all |
| 8. | (a) analytical | (b) analysis | (c) analyzing | (d) analyze |
| 9. | (a) under | (b) about | (c) over | (d) around |
| 10. | (a) as | (b) so | (c) such | (d) in |
| 11. | (a) doubled | (b) doubted | (c) dabbled | (d) drafted |
| 12. | (a) truly | (b) true | (c) truth | (d) truthfully |

SPELLING

From <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

Paragraph 1

1. a new layer to their security depurecrso
2. icfitarlai intelligence
3. backed by a European Union cojtepr
4. drorbe checkpoints
5. imgtmianro official
6. computer-generated tnaoimani

Paragraph 2

7. the vturila border guard
8. They will use these osiexnsper
9. a ecystrui risk
10. in the lie-detection osecrps
11. eotddbu if the system would work
12. a known problem in ghopyoscyl

PUT THE TEXT BACK TOGETHER

From <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

Number these lines in the correct order.

- () i-BorderControl. The first machines will be at border checkpoints in Hungary, Greece and
- () giving lie detector tests to passengers. Special lie detector machines will use artificial
- () expressions. They will use these expressions to find out if the passenger might
- () animated immigration official. The computer-generated animation will change to match the race and language of the traveller.
- () Latvia. Airports in these countries will carry out trials on the lie detector machines this month. Travellers from
- () intelligence to test travellers. The lie detector machines are backed by a European Union project called
- () A European Union spokesperson said the virtual border guard will scan passengers' faces and analyze their micro-
- () risk. The procedure will initially divide passengers into two types. Low-risk travellers will be asked basic
- () expert doubted if the system would work. He said: "If you ask people to lie, they will do it
- () differently and show very different behavioral cues than if they truly lie....This is a known problem in psychology."
- () outside the European Union will have to take the test. They will look into a webcam and answer questions from a computer-
- () information in the lie-detection process, while higher-risk passengers will get more detailed questions. A psychology
- (**1**) Airports will soon add a new layer to their security procedures. Several airports in Europe will start
- () be lying. A human security guard will take over if the lie-detecting software detects a security

PUT THE WORDS IN THE RIGHT ORDER

From <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

1. their to security a Add procedures . new layer
2. giving lie detector Start tests to passengers .
3. intelligence . machines detector lie artificial use Special will
4. first will The border machines at checkpoints . be
5. computer-animated a official . questions from Answer immigration
6. border guard passengers' faces . will scan virtual The
7. use out . They find to these expressions will
8. detects a software risk . If the security lie-detecting
9. get passengers detailed more Higher-risk questions . will
10. in a psychology . known problem This is

CIRCLE THE CORRECT WORD (20 PAIRS)

From <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

Airports will soon *add / addition* a new layer to their security procedures. Several airports in Europe will start giving lie detector tests *to / at* passengers. Special lie detector machines will use *artificially / artificial* intelligence to test travellers. The lie detector machines are *fronted / backed* by a European Union *project / projection* called i-BorderControl. The first machines will be at *bordered / border* checkpoints in Hungary, Greece and Latvia. Airports in these countries will carry out *trails / trials* on the lie detector machines this month. Travellers from outside the European Union will have to take the *rest / test*. They will look into a webcam and answer questions from a computer-animated immigration *official / officially*. The computer-generated animation will change to match the race and language of the *traveller / travel*.

A European Union spokesperson said the *virtually / virtual* border guard will scan passengers' faces and *analyze / analysis* their micro-expressions. They will use these *expressions / expression* to find out if the passenger might be lying. A human security guard will take *under / over* if the lie-detecting software detects a security *risk / risky*. The procedure will initially divide passengers into two *typical / types*. Low-risk travellers will be asked basic information in the lie-detection *process / progress*, while higher-risk passengers will get more detailed questions. A psychology expert *doubled / doubted* if the system would work. He said: "If you ask people to *lie / lying*, they will do it differently and show very different behavioural cues than if they *truth / truly* lie....This is a known problem in psychology."

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 <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

A_r p_r t_s w_l l s__ n _d d _ n_w l_y_r t_ t h__ r
s_c_r_t_y p_r_c_d_r_s . S_v_r_l __ r p_r t_s _n E_r_p_
w_l l s_t_r t g_v_n g l__ d_t_c_t_r t_s t_s t_ p_s
s_n g_r_s . S p_c__ l l__ d_t_c_t_r m_c_h_n_s w_l l
_s _r t_f_c__ l _n t_l l_g_n c_ t_ t_s t t_r_v_l l_r_s . T
h_ l__ d_t_c_t_r m_c_h_n_s _r_ b_c k_d b_y _
E_r_p__ n U n__ n p_r_j_c_t c_l l_d _- B_r d_r C_n t_r_l
. T h_ f_r s_t m_c_h_n_s w_l l b_ _t b_r d_r c_h_c k
p__ n t_s _n H_n g_r y , G r__ c_ _n d L_t v__ . A_r
p_r t_s _n t h_s_ c__ n t_r__ s w_l l c_r r y __ t t
r__ l_s _n t h_ l__ d_t_c_t_r m_c_h_n_s t h_s m_n t
h . T r_v_l l_r_s f_r m __ t_s_d_ t h_ E_r_p__ n U n__
n w_l l h_v_ t_ t_k_ t h_ t_s t . T h_y w_l l l__ k
n t _ w_b c_m _n d _n s w_r q__ s t__ n s f_r m _
c_m p_t_r - n_m_t_d _m m_g r_t__ n _f f_c__ l . T h_
c_m p_t_r - g_n_r_t_d _n_m_t__ n w_l l c_h_n g_ t_
m_t c h t h_ r_c_ _n d l_n g__ g_ _f t h_ t_r_v_l l_r .

A E_r_p__ n U n__ n s p_k_s p_r s_n s__ d t h_ v_r
t__ l b_r d_r g__ r d w_l l s c_n p_s s_n g_r_s '
f_c_s _n d _n l_y z_ t h__ r m_c_r_- _x p_r s_s__ n s . T
h_y w_l l _s_ t h_s_ _x p_r s_s__ n s t_ f_n d __ t _f
t h_ p_s s_n g_r m_g h t b_ l_y_n g . A h_m_n
s_c_r_t_y g__ r d w_l l t_k_ _v_r _f t h_ l__ - d_t_c
t_n g s_f t_w_r_ d_t_c_t_s _ s_c_r_t_y r_s k . T h_ p
r_c_d_r_ w_l l _n t__ l l_y d_v_d_ p_s s_n g_r_s _n t_ t
w_ t_y_p_s . L_w - r_s k t_r_v_l l_r_s w_l l b_ _s k_d
b_s_c _n f_r m_t__ n _n t h_ l__ - d_t_c_t__ n p_r_c_s
s , w h_l_ h_g h_r - r_s k p_s s_n g_r_s w_l l g_t
m_r_ d_t__ l_d q__ s t__ n s . A p_s y c h_l_g y _x p_r
t d__ b_t_d _f t h_ s_y s_t_m w__ l d w_r k . H_
s__ d : " I f y__ _s k p__ p_l_ t_ l__ , t h_y w_l l
d_ _t d_f f_r_n t_l_y _n d s_h_w v_r y d_f f_r_n t
b_h_v__ r_l c__ s t h_n _f t h_y t_r_l_y l__ T
h_s _s _ k_n_w_n p_r_b_l_m _n p_s y c h_l_g y . "

PUNCTUATE THE TEXT AND ADD CAPITALS

From <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

airports will soon add a new layer to their security procedures several airports in europe will start giving lie detector tests to passengers special lie detector machines will use artificial intelligence to test travellers the lie detector machines are backed by a european union project called ibordercontrol the first machines will be at border checkpoints in hungary greece and latvia airports in these countries will carry out trials on the lie detector machines this month travellers from outside the european union will have to take the test they will look into a webcam and answer questions from a computer animated immigration official the computer generated animation will change to match the race and language of the traveller

a european union spokesperson said the virtual border guard will scan passengers faces and analyze their micro expressions they will use these expressions to find out if the passenger might be lying a human security guard will take over if the lie detecting software detects a security risk the procedure will initially divide passengers into two types lowrisk travellers will be asked basic information in the lie detection process while higher risk passengers will get more detailed questions a psychology expert doubted if the system would work he said if you ask people to lie they will do it differently and show very different behavioural cues than if they truly lie this is a known problem in psychology"

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/1811/181105-lie-detector-tests.html>

Airports will soon add a new layer to their security procedures. Several airports in Europe will start giving lie detector tests to passengers. Special lie detector machines will use artificial intelligence to test travellers. The lie detector machines are backed by a European Union project called i-Border Control. The first machines will be at border checkpoints in Hungary, Greece and Latvia. Airports in these countries will carry out trials on the lie detector machines this month. Travellers from outside the European Union will have to take the test. They will look into a webcam and answer questions from a computer-animated immigration official. The computer-generated animation will change to match the race and language of the traveller. A European Union spokesperson said the virtual border guard will scan passengers' faces and analyze their micro-expressions. They will use these expressions to find out if the passenger might be lying. A human security guard will take over if the lie-detecting software detects a security risk. The procedure will initially divide passengers into two types. Low-risk travellers will be asked basic information in the lie-detection process, while higher-risk passengers will get more detailed questions. A psychology expert doubted if the system would work. He said: "If you ask people to lie, they will do it differently and show very different behavioural cues than if they truly lie.... This is a known problem in psychology."

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 this news story. Share what you discover with your partner(s) in the next lesson.

3. LIE DETECTOR TESTS: Make a poster about lie detector tests. Show your work to your classmates in the next lesson. Did you all have similar things?

4. SECURITY: Write a magazine article about lie detector tests increasing security at airports. Include imaginary interviews with people who are for and against this.

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 an expert on lie detector tests. Ask him/her three questions about them. Give him/her three of your opinions on using lie detector tests at airports. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

ANSWERS

VOCABULARY (p.4)

1. a 2. c 3. e 4. f 5. d 6. b 7. g
8. j 9. l 10. n 11. i 12. h 13. k 14. m

TRUE / FALSE (p.5)

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

SYNONYM MATCH (p.5)

- | | |
|-----------------|-------------------|
| 1. layer | a. level |
| 2. procedures | b. system |
| 3. carry out | c. conduct |
| 4. official | d. officer |
| 5. match | e. go with |
| 6. spokesperson | f. representative |
| 7. analyze | g. examine |
| 8. initially | h. at first |
| 9. doubted | i. mistrusted |
| 10. cues | j. signals |

COMPREHENSION QUESTIONS (p.9)

1. Artificial intelligence
2. The European Union
3. Three
4. A webcam
5. Their race and language
6. Micro-expressions
7. A human security guard
8. Detailed questions
9. A psychology expert
10. Behavioural cues

WORDS IN THE RIGHT ORDER (p.20)

1. Add a new layer to their security procedures.
2. Start giving lie detector tests to passengers.
3. Special lie detector machines will use artificial intelligence.
4. The first machines will be at border checkpoints.
5. Answer questions from a computer-animated immigration official.
6. The virtual border guard will scan passengers' faces.
7. They will use these expressions to find out.
8. If the lie-detecting software detects a security risk.
9. Higher-risk passengers will get more detailed questions.
10. This is a known problem in psychology.

MULTIPLE CHOICE - QUIZ (p.10)

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

ALL OTHER EXERCISES

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