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## Toyota shows video of driverless car

#### 8th January, 2013

http://www.breakingnewsenglish.com/2013/130108-driverless\_car.html

### Contents

The Article	2	D
Warm-Ups	3	La
Before Reading / Listening	4	S
While Reading / Listening	5	Ρι
Match The Sentences And Listen	6	Ρι
Listening Gap Fill	7	Ci
Comprehension Questions	8	In
Multiple Choice - Quiz	9	Ρι
Role Play	10	Ρι
After Reading / Listening	11	Fr
Student Survey	12	A
Discussion (20 Questions)	13	H

Discussion (Student-Created Qs)	14
Language Work (Multiple Choice)	15
Spelling	16
Put The Text Back Together	17
Put The Words In The Right Order	18
Circle The Correct Word	19
Insert The Vowels (a, e, i, o, u)	20
Punctuate The Text And Add Capitals	21
Put A Slash ( / ) Where The Spaces Are	22
Free Writing	23
Academic Writing	24
Homework	25
Answers	26

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## THE ARTICLE

From http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html

Toyota has released a video of its new driverless car. The real car will be on show at an electronics show in Las Vegas, USA. The car is full of special "intelligent" safety features to make sure it does not crash. It uses radars and video cameras to understand where other cars are. It can also "see" people and slow down to avoid hitting them. The car can also communicate with other cars that have the same technology. A Toyota spokesperson said: "We're looking at a car that would eliminate crashes. Zero collisions is our ultimate aim." He added that the car should be used with a driver, but that it can also drive itself. This would be useful if the driver wants to use his or her laptop, or falls asleep.

Toyota is not the first car maker to showcase self-driving cars. In May 2012, the Swedish company Volvo tested a self-drive convoy of cars on a Spanish highway. The search engine Google has also invested a lot of money in the technology for these cars. The German auto manufacturers Audi and Mercedes are also developing similar cars. The chairman of the Ford Motor Company, Bill Ford Jr., said these cars will reduce traffic jams in the future. He said the cars will receive information from computers that monitor traffic and then the cars will take a different route around any gridlock. Toyota's video says: "Lexus advanced active safety research vehicle is leading the industry into a new automated era."

Sources: http://www.bbc.co.uk/news/technology-20910769<br>http://www.pcmag.com/article2/0,2817,2413841,00.asp

#### WARM-UPS

**1. CARS:** Walk around the class and talk to other students about cars. 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.

driverless car / electronics show / safety features / radars / video cameras / crashes / showcase / highway / manufacturers / traffic jams / research / automated era

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

**3. TECHNOLOGY:** What do you think of these technologies? Complete this table with your partner(s). Change partners often and share what you wrote.

	Good points	Bad points
Driverless cars		
Speech-to-text		
Robot teachers		
Jet packs to fly		
space travel		
everlasting food		

**4. NO HANDS:** Students A **strongly** believe driverless cars are great technology; Students B **strongly** believe otherwise. Change partners again and talk about your conversations.

**5. DRIVERLESS:** What would be the best thing about driverless cars? Rank these and share your rankings with your partner. Put the best at the top. Change partners often and share your rankings.

- no car crashes
- no traffic jams
- the driver can sleep
- you never get lost

- fewer deaths on the road
- four seats facing each other
- more space in the car
- get from A to B faster

**6. INTELLIGENT:** Spend one minute writing down all of the different words you associate with the word 'intelligent'. 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/2013/130108-driverless\_car.html

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

a.	Toyota has shown a video of a car that needs no driver.	T / F
b.	No one will be able to see the car until 2015.	T / F
c.	The car has technology that means it can "talk" to any other car.	T / F
d.	Toyota's aim is to cut the number of car crashes by 50 per cent.	T / F
e.	Toyota isn't the first car maker to make cars that do not need a driver.	T / F
f.	The boss of the car company Ford said the cars could cut traffic jams.	T / F

- g. The new driverless cars will add to gridlock problems on the roads. T / F
- h. Toyota believes its new car is the leader in safety vehicles. T / F

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

- 1. released
- 2 special
- 3. communicate
- 4. eliminate
- 5. ultimate
- 6. showcase
- 7. convoy
- 8. manufacturer
- 9. monitor
- 10. vehicle

- a. make contact
- b. highlight
- c. keep an eye on
- d. launched
- e. group
- f. put an end to
- g. purpose-built
- h. automobile
- i. basic
- j. producer

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

- 1. The real car will be on show at
- 2 safety
- 3. make sure it
- 4. slow down to
- 5. Zero collisions is our ultimate
- 6. invested
- 7. these cars will reduce traffic
- 8. computers that monitor
- 9. the cars will take
- 10. leading the industry into a new

- a. aim
- b. avoid hitting them
- c. traffic
- d. features
- e. automated era
- f. a different route
- g. an electronics show
- h. a lot of money
- i. does not crash
- j. jams

## GAP FILL

From http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html

Toyota has released a video of its new driverless car. The real car will be on (1) \_\_\_\_\_ at an electronics show in Las Vegas, avoid USA. The car is full of special "intelligent" safety aim (2)\_\_\_\_\_ to make sure it does not crash. It uses features (3) and video cameras to understand where other eliminate cars are. It can also "see" people and slow down to radars (4) hitting them. The car can also (5) with other cars that have the same show technology. A Toyota spokesperson said: "We're looking at a car falls that would (6)\_\_\_\_\_ crashes. Zero collisions is our communicate ultimate (7)\_\_\_\_\_." He added that the car should be used with a driver, but that it can also drive itself. This would be useful if the driver wants to use his or her laptop, or (8)\_\_\_\_\_ asleep.

Toyota is not the first car maker to (9)\_\_\_\_\_\_ self-driving cars. In May 2012, the Swedish company Volvo tested a selfreceive drive convoy of cars on a Spanish (10) . The era search engine Google has also invested a lot of money in the highway technology for these cars. The German auto manufacturers Audi developing and Mercedes are also (11) \_\_\_\_\_\_ similar cars. The monitor chairman of the Ford Motor Company, Bill Ford Jr., said these cars will (12)\_\_\_\_\_ traffic jams in the future. He said the showcase cars will (13)\_\_\_\_\_ information from computers that gridlock (14) \_\_\_\_\_\_ traffic and then the cars will take a different reduce route around any (15)\_\_\_\_\_. Toyota's video says: "Lexus advanced active safety research vehicle is leading the industry into a new automated (16)\_\_\_\_\_."

#### **LISTENING** – Guess the answers. Listen to check

From http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html

- 1) Toyota has released a video of its \_\_\_\_\_
  - a. new driverless cars
  - b. driverless new car
  - c. new driverless car
  - d. new less driver car
- 2) The car is full of special "intelligent" safety features to make \_\_\_\_\_
  - a. sure it does not crush
  - b. sure it does not crash
  - c. sure it does not crashed
  - d. sure it does not crashed
- 3) It can also "see" people and slow down \_\_\_\_\_
  - a. to avoid hit in them
  - b. to avoid hitting there
  - c. to avoid hitting them
  - d. two a void hitting them
- 4) We're looking at a car that \_\_\_\_\_.
  - a. would illuminate crashes
  - b. wouldn't eliminate crashes
  - c. would eliminate crashes
  - d. would eliminate crushes
- 5) if the driver wants to use his or her laptop, \_\_\_\_\_
  - a. or fails a sleep
  - b. or falls to sleep
  - c. and falls asleep
  - d. or falls asleep
- 6) Toyota is not the first car maker to showcase \_\_\_\_\_.
  - a. self-drivingless cars
  - b. self-driving cars
  - c. safe-driving cars
  - d. self-driven cars
- 7) invested a lot of money in the technology \_\_\_\_\_.
  - a. for these cars
  - b. for them cars
  - c. four of these cars
  - d. for four of these cars
- 8) these cars will reduce traffic \_\_\_\_\_
  - a. jams in a future
  - b. jams in the future
  - c. jams in the futures
  - d. jams at the future
- 9) the cars will take a different route around any gridlock
  - a. around some gridlock
  - b. a round den knee gridlock
  - c. around any padlock
  - d. around any gridlock
- 10) leading the industry into a new automated era
  - a. anew auto mated ear
  - b. a new automated hearer
  - c. a new automated era
  - d. a new automatic era

#### **LISTENING** – Listen and fill in the gaps

From http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html

Toyota has released a video of its new driverless car. The real car will be on show (1) \_\_\_\_\_\_\_ in Las Vegas, USA. The car is full of special "intelligent" safety features to make (2) \_\_\_\_\_\_\_. It uses radars and video cameras to understand where other cars are. It can also "see" people and (3) \_\_\_\_\_\_\_ hitting them. The car can also communicate with other cars that have the same technology. A Toyota spokesperson said: "We're looking at a car (4) \_\_\_\_\_\_." He added that the car should be used with a driver, but that it can also drive itself. This would be useful if the driver (6) \_\_\_\_\_\_ laptop, or falls asleep.

Toyota is not the first car (7) \_\_\_\_\_\_\_ self-driving cars. In May 2012, the Swedish company Volvo tested (8) \_\_\_\_\_\_ cars on a Spanish highway. The search engine Google has also invested a lot of money in the technology for these cars. The German auto manufacturers Audi and Mercedes are (9) \_\_\_\_\_\_ cars. The chairman of the Ford Motor Company, Bill Ford Jr., (10) \_\_\_\_\_\_ reduce traffic jams in the future. He said the cars will receive information from (11) \_\_\_\_\_\_ traffic and then the cars will take a different route around any gridlock. Toyota's video says: "Lexus advanced active safety research vehicle is leading the industry (12) \_\_\_\_\_\_."

## **COMPREHENSION QUESTIONS**

From <a href="http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html">http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html</a>

- 1. Where will Toyota show its driverless car?
- 2. What do the intelligent safety features stop the car from doing?
- 3. What kind of cars can the driverless car communicate with?
- 4. What is Toyota's aim for the number of car crashes?
- 5. What could the driver do instead of driving the driverless car?
- **6.** Which car maker tested driverless cars in 2012?
- 7. From which country are the two other car makers mentioned?
- **8.** Who is Bill Ford Jr.?
- 9. What will the cars get from computers that monitor traffic?
- 10. What kind of era does the video say Toyota is leading the industry in?

## **MULTIPLE CHOICE - QUIZ**

From http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html

Where can people see Toyota's real From which country was the company 1. 6. driverless car? that tested self-driving cars in 2012? a) at an electronics show a) Germany b) at a car show b) Spain c) at a safety show c) Japan d) at a video show d) Sweden What kind of safety features is the car Who is Bill Ford Jr.? 2. 7. full of? a) indifferent ones a) chairman of the Bill Ford Company b) filling ones b) chairman of the Ford Motor Company c) intelligent ones c) a test driver for the driverless cars d) integrated ones d) a salesman for Toyota What does the car use to make sure it What did Bill Ford Jr. say the driverless 3. 8. cars would cut? doesn't crash? a) fast and powerful brakes a) jam and marmalade b) video cameras and radars b) the future c) special wheels c) traffic accidents d) a really loud horn d) traffic jams What does Toyota hope the car Where will the driverless cars get 4. 9. eliminates? information from? a) crushes a) other driverless cars b) crunches b) police officers c) computers that monitor traffic c) clashes d) crashes d) drivers What could the driver do if the car 10. How will cars in the future avoid 5. drives itself? gridlocks? a) there won't be any gridlocks a) write an e-mail and take a nap b) they will take a different route b) stay at home around them c) clean the windscreen (UK) / windshield (USA) c) they will wait for them to disappear d) learn to drive d) they will smash through them Toyota shows video of driverless car - 8th January, 2013

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## **ROLE PLAY**

From http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html

#### Role A – Toyota boss

You are very excited about the driverless cars. Tell the others three reasons why. You think the others do not know what they are talking about. The safety expert has no background in cars. The driver needs to accept new technology. The environmentalist needs to be realistic – we need cars.

#### Role B – Safety expert

You are very worried about driverless cars. Tell the others three reasons why. Tell Toyota's boss (s)he is more interested in selling more cars and making money than car safety. You think driverless cars will increase the number of accidents. Tell the others three reasons why.

#### Role C – Driver

You think the idea of driverless cars is stupid. Tell the others three reasons why. You love driving and think self-driving cars will take all the fun away. There will be more accidents many drivers will be driving normal cars. You think everything the safety expert says is wrong.

#### **Role D – Environmentalist**

You think there should be no cars. Tell the others three reasons why. You don't care if cars are driverless or not, all cars make pollution; all cars crash and kill or injure people. You want everyone to stop driving cars and ride bicycles instead to help save the planet.

## AFTER READING / LISTENING

From http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html

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

car	crash

- 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><li>released</li><li>full</li></ul>	<ul><li>first</li><li>invested</li></ul>
• hitting	• similar
<ul><li>aim</li><li>added</li></ul>	<ul><li>monitor</li><li>route</li></ul>
asleep	• era

### **CARS SURVEY**

From <u>http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html</u>

Write five GOOD questions about cars 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.

## CARS 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 'car'?
- c) What do you think of the idea of driverless cars?
- d) Do you like driving?
- e) What is the best and worst thing about driving?
- f) Would you feel safe in a self-driving car?
- g) Do you think these cars will one day lead to "zero collisions"?
- h) How would you feel if the driver of a self-driving car fell asleep?
- i) What new technology would you like to see in cars of the future?
- j) Will we still need cars in the future?

Toyota shows video of driverless car – 8th January, 2013 More free lessons at www.BreakingNewsEnglish.com

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#### CARS DISCUSSION

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

- a) Did you like reading this article? Why/not?
- b) Would you buy a self-driving car or a normal car?
- c) What would you do in a self-driving car if you didn't have to drive?
- d) What's your dream car, and why?
- e) What's the best way to reduce traffic accidents?
- f) What's the best way to reduce traffic jams?
- g) How bad is the traffic where you live?
- h) What will cars be like in 100 years from now?
- i) What do you think of Toyota?
- j) What questions would you like to ask the boss of Toyota?

### **DISCUSSION (Write your own questions)**

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

1.	
2.	
3.	
4.	
5.	
6.	
0.	
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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.	

## **MULTIPLE CHOICE - LANGUAGE**

From http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html

Toyota has (1) \_\_\_\_\_ a video of its new driverless car. The real car will be on show at an electronics show in Las Vegas, USA. The car is full of special "intelligent" safety (2) \_\_\_\_\_ to make sure it does not crash. It uses radars and video cameras to understand where other cars are. It can also "see" people and slow (3) \_\_\_\_\_ to avoid hitting them. The car can also communicate with other cars that have the same technology. A Toyota spokesperson said: "We're looking at a car that would eliminate (4) \_\_\_\_\_. Zero collisions is our ultimate (5) \_\_\_\_\_." He added that the car should be used with a driver, but that it can also drive itself. This would be useful if the driver wants to use his or her laptop, or (6) \_\_\_\_\_ asleep.

Toyota is not the first car maker to (7) \_\_\_\_\_ self-driving cars. In May 2012, the Swedish company Volvo tested a self-drive convoy of cars on a Spanish highway. The search engine Google has also invested a lot of money (8) \_\_\_\_\_ the technology for these cars. The German auto manufacturers Audi and Mercedes are also developing (9) \_\_\_\_\_ cars. The chairman of the Ford Motor Company, Bill Ford Jr., said these cars will (10) \_\_\_\_\_ traffic jams in the future. He said the cars will receive information from computers that monitor traffic and then the cars will take a different (11) \_\_\_\_\_ around any gridlock. Toyota's video says: "Lexus advanced active safety research vehicle is leading the industry into a new automated (12) \_\_\_\_."

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

1.	(a)	release	(b)	released	(c)	releasing	(d)	releases
2.	(a)	fronts	(b)	futures	(c)	feats	(d)	features
3.	(a)	away	(b)	down	(c)	up	(d)	on
4.	(a)	cruises	(b)	clashes	(c)	crashes	(d)	crushes
5.	(a)	aim	(b)	time	(c)	view	(d)	opinion
6.	(a)	falls	(b)	fells	(c)	fills	(d)	fails
7.	(a)	in case	(b)	bookcase	(c)	uncase	(d)	showcase
8.	(a)	in	(b)	on	(c)	at	(d)	of
9.	(a)	smile	(b)	similar	(c)	slime	(d)	similarity
10.	(a)	increase	(b)	level	(c)	reduce	(d)	average
11.	(a)	rate	(b)	root	(c)	route	(d)	loot
12.	(a)	century	(b)	era	(c)	machine	(d)	show

## SPELLING

From http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html

#### Paragraph 1

- 1. an <u>Irsienteocc</u> show in Las Vegas
- 2. safety <u>usfeaert</u>
- 3. <u>vioda</u> hitting them
- 4. <u>ilitemean</u> crashes
- 5. our <u>iuetalmt</u> aim
- 6. use his or her <u>atpplo</u>

#### Paragraph 2

- 7. <u>cyovno</u> of cars
- 8. The <u>amrcnaih</u> of the Ford Motor Company
- 9. computers that <u>oritnom</u> traffic
- 10. take a different route around any <u>lirocgdk</u>
- 11. safety <u>ecsarrhe</u>
- 12. leading the <u>yrundits</u>

## PUT THE TEXT BACK TOGETHER

From http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html

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

- ( ) crash. It uses radars and video cameras to understand where other cars are. It can also "see" people and slow
- ( ) show in Las Vegas, USA. The car is full of special "intelligent" safety features to make sure it does not
- ( ) collisions is our ultimate aim." He added that the car should be used with a driver, but that it can
- ( ) route around any gridlock. Toyota's video says: "Lexus advanced active
- ( ) drive convoy of cars on a Spanish highway. The search engine Google has also invested a lot of money
- ( ) safety research vehicle is leading the industry into a new automated era."
- (**1**) Toyota has released a video of its new driverless car. The real car will be on show at an electronics
- ( ) technology. A Toyota spokesperson said: "We're looking at a car that would eliminate crashes. Zero
- ( ) similar cars. The chairman of the Ford Motor Company, Bill Ford Jr., said these cars will reduce traffic jams
- ( ) Toyota is not the first car maker to showcase self-driving cars. In May 2012, the Swedish company Volvo tested a self-
- ( ) in the future. He said the cars will receive information from computers that monitor traffic and then the cars will take a different
- ( ) in the technology for these cars. The German auto manufacturers Audi and Mercedes are also developing
- ( ) down to avoid hitting them. The car can also communicate with other cars that have the same
- ( ) also drive itself. This would be useful if the driver wants to use his or her laptop, or falls asleep.

### PUT THE WORDS IN THE RIGHT ORDER

From http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html

1.	released a video of its new driverless car Toyota has.
2.	car of safety The full intelligent is special features.
3.	and It people down also slow can "see"
4.	driver a with used be should car the that added He.
5.	his use to wants driver the if Useful laptop her or.
6.	self - driving cars The first car maker to showcase.
7.	money Invested in a the lot technology of.
8.	in will jams future cars traffic the These reduce.
9.	from that traffic Information computers monitor.
10.	any Cars a around take route gridlock will different.

## **CIRCLE THE CORRECT WORD (20 PAIRS)**

From http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html

Toyota has *released / releasing* a video of its new driverless car. The real car will be on show at an electronics show in Las Vegas, USA. The car is *fill / full* of special "intelligent" safety features to make sure it does not *crush / crash*. It uses radars and video cameras to understand where other cars are. It can also "see" people and slow down *at / to* avoid hitting them. The car can also communicate with other cars that have the same *technological / technology*. A Toyota spokesperson said: "We're looking at a car that would *illuminate / eliminate* crashes. Zero collisions is our *ultimatum / ultimate* aim." He added that the car should be used with a driver, but that it can also *driven / drive* itself. This would be *useful / useless* if the driver wants to use his or her laptop, or *falls / fells* asleep.

Toyota is not the first car maker to *showcase / bookcase* self-driving cars. In May 2012, the Swedish *companion / company* Volvo tested a self-drive convoy of cars on a Spanish highway. The search engine Google has also *invested / investment* a lot of money *in / of* the technology for these cars. The German auto manufacturers Audi and Mercedes are also *develops / developing* similar cars. The chairman of the Ford Motor Company, Bill Ford Jr., said these cars will *reduce / increase* traffic jams in the *feature / future*. He said the cars will receive information from computers that *monitor / mention* traffic and then the cars will take a different *route / root* around any gridlock. Toyota's video says: "Lexus advanced active safety research vehicle is leading the industry into a new automated *ear / era*."

# 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/2013/130108-driverless\_car.html

T\_y\_t\_ h\_s r\_l\_\_s\_d \_ v\_d\_\_\_f \_ts n\_w dr\_v\_rl\_ss c\_r. Th\_ r\_\_l c\_r w\_ll b\_ \_n sh\_w \_t \_n \_l\_ctr\_n\_cs sh\_w \_n L\_s V\_g\_s, \_S\_. Th\_ c\_r \_s f\_ll \_f sp\_c\_\_l "\_nt\_ll\_g\_nt" s\_f\_ty f\_\_t\_r\_s t\_ m\_k\_ s\_r\_\_t d\_\_s n\_t cr\_sh. \_t \_s\_s r\_d\_rs \_nd v\_d\_\_ c\_m\_r\_s t\_ \_nd\_rst\_nd wh\_r\_ \_th\_r c\_rs \_r\_. \_t c\_n \_ls\_ "s\_\_" p\_\_pl\_ \_nd sl\_w d\_wn t\_ \_v\_\_d h\_tt\_ng th\_m. Th\_ c\_r c\_n \_ls\_ c\_mm\_n\_c\_t\_ w\_th \_th\_r c\_rs th\_t h\_v\_ th\_ s\_m\_ t\_chn\_l\_gy. \_ T\_y\_t\_ sp\_k\_sp\_rs\_n s\_\_d: "W\_'r\_ l\_\_k\_ng \_t \_c\_r th\_t w\_ld \_l\_m\_n\_t\_ cr\_sh\_s. Z\_r\_c\_ll\_s\_\_ns \_s \_r \_lt\_m\_t\_ \_m." H\_ \_dd\_d th\_t th\_ c\_r sh\_\_ld b\_ \_s\_d w\_th \_ dr\_v\_r, b\_t th\_t \_t c\_n \_ls\_ dr\_v\_ \_ts\_lf. Th\_s w\_ld b\_ \_s\_f\_l \_f th\_ dr\_v\_r w\_nts t\_ s\_ h\_s \_r h\_r l\_pt\_p, \_r f\_lls \_sl\_p.

T\_y\_t\_\_s n\_t th\_\_f\_rst c\_r m\_k\_r t\_\_sh\_wc\_s\_\_s\_lfdr\_v\_ng c\_rs. \_n M\_y 2012, th\_\_ Sw\_d\_sh c\_mp\_ny V\_lv\_\_t\_st\_d \_\_s\_lf-dr\_v\_\_c\_nv\_y \_f c\_rs \_n \_\_Sp\_n\_sh h\_ghw\_y. Th\_\_s\_\_rch \_ng\_n\_\_G\_\_gl\_\_h\_s\_ls\_\_\_nv\_st\_d \_\_l\_t \_f m\_n\_y \_n th\_\_t\_chn\_l\_gy f\_r th\_s\_\_c\_rs. Th\_\_ G\_rm\_n \_\_t\_\_ m\_n\_f\_ct\_r\_rs \_\_d\_\_\_nd M\_rc\_d\_s \_r\_\_ \_ls\_\_d\_v\_l\_p\_ng s\_m\_l\_r c\_rs. Th\_\_ch\_\_rm\_n \_\_f th\_\_ F\_rd M\_t\_r C\_mp\_ny, B\_ll F\_rd Jr., s\_\_d th\_s\_\_c\_rs w\_ll r\_d\_c\_\_tr\_ff\_c\_j\_ms \_n th\_\_f\_t\_r\_. H\_\_s\_\_d th\_\_c\_rs w\_ll r\_c\_v\_\_\_nf\_rm\_t\_\_n fr\_m c\_mp\_t\_rs th\_t m\_n\_t\_r tr\_ff\_c\_nd th\_n th\_\_c\_rs w\_ll t\_k\_\_d\_ff\_r\_nt r\_t\_\_r\_\_nd \_\_ny gr\_dl\_ck. T\_y\_t\_'s v\_d\_\_\_s\_ys: "L\_x\_s\_\_dv\_nc\_d\_ct\_v\_\_s\_f\_ty r\_s\_\_rch v\_h\_cl\_\_s l\_\_d\_ng th\_\_\_nd\_stry\_nt\_\_ n\_w \_t\_m\_t\_d\_r\_."

#### PUNCTUATE THE TEXT AND ADD CAPITALS

From http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html

toyota has released a video of its new driverless car the real car will be on show at an electronics show in las vegas usa the car is full of special "intelligent" safety features to make sure it does not crash it uses radars and video cameras to understand where other cars are it can also "see" people and slow down to avoid hitting them the car can also communicate with other cars that have the same technology a toyota spokesperson said "we're looking at a car that would eliminate crashes Zero collisions is our ultimate aim" he added that the car should be used with a driver but that it can also drive itself this would be useful if the driver wants to use his or her laptop or falls asleep

toyota is not the first car maker to showcase self-driving cars in may 2012 the swedish company volvo tested a self-drive convoy of cars on a spanish highway the search engine google has also invested a lot of money in the technology for these cars the german auto manufacturers audi and mercedes are also developing similar cars the chairman of the ford motor company bill ford jr said these cars will reduce traffic jams in the future he said the cars will receive information from computers that monitor traffic and then the cars will take a different route around any gridlock toyota's video says "lexus advanced active safety research vehicle is leading the industry into a new automated era"

## PUT A SLASH ( / ) WHERE THE SPACES ARE

From http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html

Toyotahasreleasedavideoofitsnewdriverlesscar. Thereal carwill be on show at an electronicsshowinLasVegas, USA. The carisful lofspecial "intelligent" safety features tomakesureitdoesnotcrash.Itusesradarsandvideocamerastounderstandwhere othercarsare.Itcanalso"see"peopleandslowdowntoavoidhittingthem.Thecarcan alsocommunicate with other cars that have the same technology. A Toyota spokespersonsaid:"We'relookingatacarthatwouldeliminatecrashes.Zero collisionsisourultimateaim."Headdedthatthecarshouldbeusedwithadriver,but thatitcanalsodriveitself. This would be useful if the driver wants to use his or her laptop, orfallsasleep.Toyotaisnotthefirstcarmakertoshowcaseself-drivingcars.InMay 2012, the Swedish company Volvotested as elf-drive convoy of carson a Spanish highway.ThesearchengineGooglehasalsoinvestedalotofmoneyinthetechnology forthesecars.TheGermanautomanufacturersAudiandMercedesarealsodeveloping similarcars.ThechairmanoftheFordMotorCompany,BillFordJr.,saidthesecarswill reducetrafficjamsinthefuture.Hesaidthecarswillreceiveinformationfromcomputers thatmonitortrafficandthenthecarswilltakeadifferentroutearoundanygridlock. Toyota'svideosays:"Lexusadvancedactivesafetyresearchvehicleisleadingthe industryintoanewautomatedera."

## FREE WRITING

From http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html

Write about **cars** for 10 minutes. Comment on your partner's paper.

23

#### ACADEMIC WRITING

From http://www.BreakingNewsEnglish.com/2013/130108-driverless\_car.html

All cars should always drive themselves if it is safer. Discuss.

#### 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 cars. Share what you discover with your partner(s) in the next lesson.

**3. CARS:** Make a poster about cars. Show your work to your classmates in the next lesson. Did you all have similar things?

**4. DRIVERLESS:** Write a magazine article about driverless cars. Include imaginary interviews with people who are for and against it.

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 car expert. Ask him/her three questions about driverless cars. Give him/her three of your ideas on them. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

#### **ANSWERS**

#### TRUE / FALSE (p.4)

aT bF cF dF eT fT gF hT

#### SYNONYM MATCH (p.4)

- 1. released
- 2 special
- 3. communicate
- 4. eliminate
- 5. ultimate
- 6. showcase
- 7. convoy
- 8. manufacturer
- 9. monitor
- 10. vehicle

- a. launched
- b. purpose-built
- c. make contact
- d. put an end to
- e. basic
- f. highlight
- g. group
- h. producer
- i. keep an eye on
- j. automobile

#### **COMPREHENSION QUESTIONS (p.8)**

- 1. At an electronics show in Las Vegas
- 2. They stop it from crashing
- 3. Cars with the same technology
- 4. Zero crashes
- 5. Use his or her laptop, or falls asleep
- 6. Volvo
- 7. Germany
- 8. The chairman of Ford Motor Company
- 9. Information
- 10. An automated era

#### MULTIPLE CHOICE - QUIZ (p.9)

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

#### ALL OTHER EXERCISES

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