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Level 6

New paint to say goodbye to car washes

5th May, 2014

<http://www.breakingnewsenglish.com/1405/140501-car-wash.html>



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Please try Levels 4 and 5 (they are easier).

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THE ARTICLE

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

The Japanese automobile manufacturer Nissan has unveiled a prototype of a self-cleaning paint that means cars may no longer need washing. The new nanotechnology paint repels water, oil and other dirt the environment can throw at a car. The paint is called Ultra-Ever Dry and uses a process called nanopatterning. This coats the surface of something with tiny bumps and grooves that stop water and oil from sticking to it. Nissan said the paint has "responded well" to many weather conditions, including frost, rain, sleet and snow. The carmaker added that its engineers will continue testing the paint in the near future to see how close they can get to a product ready for market.

Nissan's website says: "Washing a car can be a chore – and a costly one at that." However, it has no immediate plans to use the new paint as standard on its cars. It may offer it as an option in the future. Company spokeswoman Geraldine Ingham said the new paint is currently only being tested on the company's Note family car. She said: "The Nissan Note has been carefully engineered to take the stress out of customer driving, and Nissan's engineers are constantly thinking of new ways to make families' lives easier." She added: "We are committed to addressing everyday problems our customers face and will always consider testing exciting, cutting-edge technology like this incredible coating application."

Sources: <http://nissannews.com/en-US/nissan/usa/releases/nissan-develops-first-self-cleaning-car-prototype>
<http://www.extremetech.com/extreme/181370-nissans-self-cleaning-car-could-kill-off-car-washing-forever>
<http://mashable.com/2014/04/25/self-cleaning-nissan-note/>

WARM-UPS

1. CAR WASHES: Students walk around the class and talk to other students about car washes. 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.

automobile / manufacturer / environment / nanopatterning / weather conditions / chore / immediate plans / standard / carefully engineered / everyday problems

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

3. SELF-CLEANING: What are the good and bad points of these things being self-cleaning? Complete this table with your partner(s). Change partners often and share what you wrote.

	Good points	Bad points
Cars		
Clothes		
Dishes		
Desks		
Hair		
Teeth		

4. CAR WASHES: Students A **strongly** believe car washes will go out of business because of the new self-cleaning paint; Students B **strongly** believe not. Change partners again and talk about your conversations.

5. SELF-: Rank these with your partner. Put the most desirable things at the top. Change partners often and share your rankings.

- self-cleaning cars
- self-driving cars
- self-answering e-mails
- self-making beds
- self-ironing shirts
- self-making coffee
- self-doing homework
- self-finding keys

6. WATER: Spend one minute writing down all of the different words you associate with the word "water". 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/1405/140501-car-wash.html>

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

- | | |
|---|-------|
| a. The new paint is currently at the prototype stage of development. | T / F |
| b. The paint keeps oil and water away from the surface of the car. | T / F |
| c. The technology coats the car with a totally smooth layer of paint. | T / F |
| d. The paint will be on sale from next month. | T / F |
| e. Nissan said washing a car is cheap but boring. | T / F |
| f. The new paint will come as standard on all new Nissan cars. | T / F |
| g. Nissan wants to make family life easier. | T / F |
| h. Nissan said it will always test cutting-edge technologies. | T / F |

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

- | | |
|----------------|-----------------|
| 1. automobile | a. prepared |
| 2. repels | b. strain |
| 3. coats | c. cuts |
| 4. grooves | d. layers |
| 5. ready | e. choice |
| 6. chore | f. car |
| 7. option | g. devoted |
| 8. stress | h. keeps away |
| 9. committed | i. unbelievable |
| 10. incredible | j. burden |

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

- | | |
|----------------------------|---------------------------|
| 1. Nissan has unveiled a | a. families' lives easier |
| 2. tiny bumps | b. sticking to it |
| 3. stop water and oil from | c. they can get |
| 4. responded well to many | d. plans |
| 5. to see how close | e. prototype |
| 6. Washing a car can | f. edge technology |
| 7. it has no immediate | g. and grooves |
| 8. new ways to make | h. everyday problems |
| 9. committed to addressing | i. weather conditions |
| 10. cutting- | j. be a chore |

GAP FILL

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

The Japanese automobile manufacturer Nissan has (1) _____ a prototype of a self-cleaning paint that means cars may no (2) _____ need washing. The new nanotechnology paint (3) _____ water, oil and other dirt the environment can throw at a car. The paint is called Ultra-Ever Dry and uses a (4) _____ called nanopatterning. This coats the surface of something with tiny bumps and grooves that stop water and oil from (5) _____ to it. Nissan said the paint has "responded well" to many weather conditions, including frost, rain, (6) _____ and snow. The carmaker added that its engineers will continue testing the paint in the (7) _____ future to see how close they can get to a product ready for (8) _____.

near
market
repels
unveiled
sticking
longer
sleet
process

Nissan's website says: "Washing a car can be a (9) _____ – and a costly one at that." However, it has no (10) _____ plans to use the new paint as standard on its cars. It may offer it as an option in the future. Company spokeswoman Geraldine Ingham said the new paint is (11) _____ only being tested on the company's Note family car. She said: "The Nissan Note has been carefully engineered to take the (12) _____ out of customer driving, and Nissan's engineers are (13) _____ thinking of new ways to make families' lives easier." She added: "We are (14) _____ to addressing everyday problems our customers (15) _____ and will always consider testing exciting, cutting-edge technology like this (16) _____ coating application.

stress
incredible
currently
committed
chore
constantly
immediate
face

LISTENING – Guess the answers. Listen to check.

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

- 1) The Japanese automobile manufacturer Nissan has _____
 - a. unveiled a prototype
 - b. unrivalled a prototype
 - c. unravelled a prototype
 - d. unavailable a prototype
- 2) The new nanotechnology paint repels water, oil _____
 - a. and other dirt
 - b. and other dirty
 - c. and other dirtied
 - d. and other ditty
- 3) This coats the surface of something with tiny _____
 - a. mumps and groups
 - b. bums and gruels
 - c. bumps and grooves
 - d. bunks and gloves
- 4) the paint has "responded well" to many _____
 - a. weather condition
 - b. weathered conditions
 - c. weather conditions
 - d. weathered condition
- 5) see how close they can get to a product _____
 - a. ready for marketing
 - b. read it for market
 - c. ready four market
 - d. ready for market
- 6) Nissan's website says: "Washing a car _____."
 - a. can be a chow
 - b. can be a chore
 - c. can be a claw
 - d. can be a sure
- 7) However, it has no immediate plans to use the new _____
 - a. paint was standard
 - b. paint as standard
 - c. paint has standard
 - d. paint is standard
- 8) ... carefully engineered to take the stress out of _____
 - a. customer driven
 - b. customer drive-in
 - c. customer driving in
 - d. customer driving
- 9) We are committed to addressing _____
 - a. everyday problems
 - b. all-day problems
 - c. everyway problems
 - d. everyone's problems
- 10) consider testing exciting, cutting-edge technology like this incredible _____
 - a. coasting application
 - b. coating application
 - c. coaching application
 - d. coaxing application

LISTENING – Listen and fill in the gaps

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

The Japanese automobile manufacturer Nissan has (1) _____ of a self-cleaning paint that means cars may no longer need washing. The new nanotechnology (2) _____, oil and other dirt the environment can throw at a car. The paint is called Ultra-Ever Dry and (3) _____ called nanopatterning. This coats the surface of something with tiny (4) _____ that stop water and oil from sticking to it. Nissan said the paint has "responded well" to many weather conditions, (5) _____, sleet and snow. The carmaker added that its engineers will continue testing the paint in the near future to (6) _____ can get to a product ready for market.

Nissan's website says: "Washing a (7) _____ - and a costly one at that." However, it has no immediate plans to use the new paint as standard on its cars. It may offer it (8) _____ the future. Company spokeswoman Geraldine Ingham said the new paint is currently only (9) _____ company's Note family car. She said: "The Nissan Note has been carefully engineered to (10) _____ of customer driving, and Nissan's engineers are constantly thinking of new ways to make families' lives easier." She added: "(11) _____ to addressing everyday problems our customers face and will always consider testing exciting, (12) _____ like this incredible coating application.

COMPREHENSION QUESTIONS

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

1. At what stage of development is the new paint?

2. What does the paint do to oil and water?

3. What does nanopatterning coat a surface with?

4. What has the paint responded well to?

5. What are engineers trying to get the paint ready for?

6. What did Nissan say washing a car could be?

7. On how many models of car is the paint being tested?

8. What does the Nissan say its Note car takes out of driving?

9. What does Nissan hope to do to families' lives?

10. What kind of technology does Nissan want to keep testing?

MULTIPLE CHOICE - QUIZ

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

1. At what stage of development is the new paint?
 - a) the final stage
 - b) stage 17
 - c) the prototype stage
 - d) around the middle
2. What does the paint do to oil and water?
 - a) repel them
 - b) mix them
 - c) turn them into fuel
 - d) use them as cleaning agents
3. What does nanopatterning coat a surface with?
 - a) bands and groups
 - b) grooves and bumps
 - c) pumps and gloves
 - d) groves and lumps
4. What has the paint responded well to?
 - a) car critics
 - b) spraying
 - c) different colours
 - d) weather conditions
5. What are engineers trying to get the paint ready for?
 - a) a technology prize
 - b) the Tokyo Motor Show
 - c) market
 - d) Summer
6. What did Nissan say washing a car could be?
 - a) fun
 - b) a chore
 - c) a part-time job
 - d) a thing of the past
7. On how many models of car is the paint being tested?
 - a) 17
 - b) 8
 - c) 3
 - d) 1
8. What does the Nissan say its Note car takes out of driving?
 - a) danger
 - b) stress
 - c) boredom
 - d) fun
9. What does Nissan hope to do to families' lives?
 - a) give them more time
 - b) make them easier
 - c) get them from A to B faster
 - d) make them drive more
10. What kind of technology does Nissan want to keep testing?
 - a) cutting-edge technology
 - b) disruptive technology
 - c) nuts-and-bolts technology
 - d) advances in technology

ROLE PLAY

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

Role A – Self-cleaning cars

You think self-cleaning cars would help motorists most. Tell the others three reasons why. Tell them things that aren't so helpful about their ideas. Also, tell the others which is the least probable of these (and why): self-driving cars, self-fuelling cars or self-repairing cars.

Role B – Self-driving cars

You think self-driving cars would help motorists most. Tell the others three reasons why. Tell them things that aren't so helpful about their ideas. Also, tell the others which is the least probable of these (and why): self-cleaning cars, self-fuelling cars or self-repairing cars.

Role C – Self-fuelling cars

You think self-fuelling cars would help motorists most. Tell the others three reasons why. Tell them things that aren't so helpful about their ideas. Also, tell the others which is the least probable of these (and why): self-cleaning cars, self-driving cars or self-repairing cars.

Role D – Self-repairing cars

You think self-repairing cars would help motorists most. Tell the others three reasons why. Tell them things that aren't so helpful about their ideas. Also, tell the others which is the least probable of these (and why): self-cleaning cars, self-fuelling cars or self-driving cars.

AFTER READING / LISTENING

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

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

car	wash
------------	-------------

- 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">• means• throw• coats• well• continue• ready	<ul style="list-style-type: none">• costly• standard• family• ways• face• incredible
---	---

CAR WASHES SURVEY

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

Write five GOOD questions about car washes 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.

CAR WASHES 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 'paint'?
- c) What need do you have for paint?
- d) What do you think of the new self-cleaning paint?
- e) How could this paint improve your life?
- f) How bad is this news for car wash businesses?
- g) What do you think of the idea of self-cleaning clothes?
- h) What do you think of nanotechnology?
- i) What else could the paint be used for?
- j) Would this paint make you buy a Nissan?

New paint to say goodbye to car washes – 5th May, 2014
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CAR WASHES DISCUSSION

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

- a) Did you like reading this article? Why/not?
- b) How much of a chore is washing a car?
- c) What household chores do you like and dislike?
- d) Should the paint be standard on all cars?
- e) How much extra would you pay to have this paint on a car?
- f) How would self-cleaning plates, cups and cutlery help you?
- g) What stresses are there in driving?
- h) What everyday problems do car owners face?
- i) What cutting-edge technology excites you at the moment?
- j) What questions would you like to ask Nissan?

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/1405/140501-car-wash.html>

The Japanese automobile manufacturer Nissan has (1) _____ a prototype of a self-cleaning paint that means cars may no longer need washing. The new nanotechnology paint (2) _____ water, oil and other dirt the environment can throw at a car. The paint is called Ultra-Ever Dry and uses a process called nanopatterning. This (3) _____ the surface of something with tiny bumps and (4) _____ that stop water and oil from sticking to it. Nissan said the paint has "responded well" to many weather conditions, including frost, rain, (5) _____ and snow. The carmaker added that its engineers will continue testing the paint in the near future to see how close they can get to a product (6) _____ for market.

Nissan's website says: "Washing a car can be a (7) _____ – and a costly one at that." However, it has no immediate plans to use the new paint as (8) _____ on its cars. It may offer it as an option in the future. Company spokeswoman Geraldine Ingham said the new paint is (9) _____ only being tested on the company's Note family car. She said: "The Nissan Note has been carefully engineered to (10) _____ the stress out of customer driving, and Nissan's engineers are constantly thinking of new ways to make families' lives easier." She added: "We are committed to addressing (11) _____ problems our customers face and will always consider testing exciting, cutting-(12) _____ technology like this incredible coating application.

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

- | | | | | |
|-----|---------------|----------------|-----------------|------------------|
| 1. | (a) unraveled | (b) unveiled | (c) unrivaled | (d) unbelievable |
| 2. | (a) impales | (b) compels | (c) expels | (d) repels |
| 3. | (a) matts | (b) coats | (c) shines | (d) indents |
| 4. | (a) angles | (b) planes | (c) grooves | (d) trajectories |
| 5. | (a) sleet | (b) skit | (c) smitten | (d) slate |
| 6. | (a) ready | (b) prepare | (c) sell | (d) produce |
| 7. | (a) gnash | (b) prude | (c) knoll | (d) chore |
| 8. | (a) standard | (b) nice | (c) colour | (d) feature |
| 9. | (a) present | (b) currently | (c) immediately | (d) recently |
| 10. | (a) repel | (b) extinguish | (c) take | (d) squash |
| 11. | (a) all day | (b) rainy day | (c) everyday | (d) some day |
| 12. | (a) rim | (b) edge | (c) border | (d) side |

SPELLING

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

Paragraph 1

1. automobile arnuauftmrec
2. a oortytepp of a self-cleaning paint
3. The new nanotechnology paint lpsree water
4. This coats the fsucaer
5. the paint has "dsrpdonee well"
6. its enrgsneie will continue testing

Paragraph 2

7. it has no emtadieim plans
8. aatsddnr on its cars
9. nlcyntaso thinking of new ways
10. imtodetmc to addressing everyday problems
11. igtcutn-dege technology
12. this erbindilce coating application

PUT THE TEXT BACK TOGETHER

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

Number these lines in the correct order.

- () cleaning paint that means cars may no longer need washing. The new nanotechnology paint repels
- () plans to use the new paint as standard on its cars. It may offer it as an option in the
- () water, oil and other dirt the environment can throw at a car. The paint is called Ultra-Ever Dry and
- () ways to make families' lives easier." She added: "We are committed to addressing everyday problems our customers
- () face and will always consider testing exciting, cutting-edge technology like this incredible coating application.
- () engineers will continue testing the paint in the near future to see how close they can get to a product ready for market.
- () well" to many weather conditions, including frost, rain, sleet and snow. The carmaker added that its
- () uses a process called nanopatterning. This coats the surface of something with tiny
- (**1**) The Japanese automobile manufacturer Nissan has unveiled a prototype of a self-
- () bumps and grooves that stop water and oil from sticking to it. Nissan said the paint has "responded
- () future. Company spokeswoman Geraldine Ingham said the new paint is currently only being
- () Nissan's website says: "Washing a car can be a chore – and a costly one at that." However, it has no immediate
- () tested on the company's Note family car. She said: "The Nissan Note has been carefully engineered to take
- () the stress out of customer driving, and Nissan's engineers are constantly thinking of new

PUT THE WORDS IN THE RIGHT ORDER

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

1. a of prototype a unveiled has Nissan paint cleaning - self.

2. no That longer means need cars washing may.

3. tiny This surface with the something bumps coats of.

4. has to conditions paint well weather The responded many.

5. the testing continue will engineers Its paint.

6. be a one and a car a chore can Washing costly -.

7. paint on new standard cars the as its Use.

8. option in the future It may offer it as an.

9. engineered the of Carefully take out to stress driving.

10. problems everyday addressing to committed are We.

CIRCLE THE CORRECT WORD (20 PAIRS)

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

The Japanese automobile manufacturer Nissan has *unraveled / unveiled* a prototype of a *self-cleaning / self-cleansing* paint that means cars may *not / no* longer need washing. The new nanotechnology paint *expels / repels* water, oil and other *dirt / dirty* the environment can throw at a car. The paint is called Ultra-Ever Dry and uses a *prowess / process* called nanopatterning. This *coats / jackets* the surface of something with tiny bumps and grooves that stop water and oil *for / from* sticking to it. Nissan said the paint has "responded *good / well*" to many weather conditions, including frost, rain, sleet and snow. The carmaker added that its engineers will continue testing the paint in the *near / nearly* future to see how close they can get to a product ready for market.

Nissan's website says: "Washing a car can be a *chore / chose* – and a costly one at that." However, it has no *immediacy / immediate* plans to use the new paint as *standardise / standard* on its cars. It may offer it as an *optional / option* in the future. Company spokeswoman Geraldine Ingham said the new paint is *currently / current* only being tested on the company's Note family car. She said: "The Nissan Note has been carefully engineered to take the *stressed / stress* out of customer driving, and Nissan's engineers are constantly thinking *of / from* new ways to make families' lives easier." She added: "We are *commitment / committed* to addressing everyday problems our customers *face / head* and will always consider testing exciting, cutting-edge technology like this *incredible / incredibly* coating application."

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/1405/140501-car-wash.html>

Th_ J_p_n_s_ _t_m_b_l_ m_n_f_ct_r_r N_ss_n h_s
_nv__l_d_ _pr_t_typ_ _f_ _s_lf-cl__n_g p__nt th_t
m__ns c_rs m_y n_ l_n_g_r n__d w_sh_ng. Th_ n_w
n_n_t_chn_l_gy p__nt r_p_ls w_t_r, __l__nd__th_r d_rt
th_ _nv_r_nm_nt c_n thr_w _t_ c_r. Th_ p__nt _s
c_ll_d _ltr_ -v_r Dry __nd _s_s_ _pr_c_ss c_ll_d
n_n_p_tt_rn_g. Th_s c__ts th_ s_rf_c_ _f_s_m_th_ng
w_th t_ny b_mps __nd gr__v_s th_t st_p w_t_r __nd __l
fr_m st_ck_ng t_ _t. N_ss_n s__d th_ p__nt h_s
"r_sp_nd_d w_ll" t_ m_ny w__th_r c_nd_t__ns,
_ncl_d_ng fr_st, r__n, sl__t __nd sn_w. Th_ c_rm_k_r
_dd_d th_t _ts __ng_n__rs w_ll c_nt_n__t st_ng th_
p__nt_n th_n_r f_t_r t_s __h_w cl_s_ th_y c_n_g_t
t_ _pr_d_ct_r __dy f_r m_rk_t.

N_ss_n's w_bs_t_s_ys: "W_sh_ng _c_r c_n b_ __ch_r_
- __nd _c_stly _n_ _t th_t." H_w_v_r, _t h_s n_
_mm_d__t pl_ns t_ _s_ th_n_w p__nt_s st_nd_rd_n
_ts c_rs. _t m_y _ff_r_t_s_n _pt__n_n th_f_t_r_.
C_m_p_ny sp_k_sw_m_n G_r_ld_n_ __ngh_m s__d th_
n_w p__nt_s c_rr_ntly __nly b__ng t_st_d __n th_
c_m_p_ny's N_t_f_m_ly c_r. Sh_ s__d: "Th_ N_ss_n
N_t_h_s b__n c_r_f_lly __ng_n__rd t_t_k_ th_str_ss
__t_f c_st_m_r dr_v_ng, __nd N_ss_n's __ng_n__rs _r_
c_nst_ntly th_nk_ng _f n_w w_ys t_m_k_ f_m_l__s'
l_v_s __s__r." Sh_ __dd_d: "W_ _r_ c_mm_tt_d t_
_ddr_ss_ng _v_ryd_y pr_b_l_ms __r c_st_m_rs f_c_ __nd
w_ll __lw_ys c_n_s_d_r t_st_ng __xc_t_ng, c_tt_ng-dg_
t_chn_l_gy l_k_ th_s _ncr_d_b_l_ c__t_ng _ppl_c_t__n.

PUNCTUATE THE TEXT AND ADD CAPITALS

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

the japanese automobile manufacturer nissan has unveiled a prototype of a self-cleaning paint that means cars may no longer need washing the new nanotechnology paint repels water oil and other dirt the environment can throw at a car the paint is called ultra-ever dry and uses a process called nanopatterning this coats the surface of something with tiny bumps and grooves that stop water and oil from sticking to it nissan said the paint has "responded well" to many weather conditions including frost rain sleet and snow the carmaker added that its engineers will continue testing the paint in the near future to see how close they can get to a product ready for market nissan's website says "washing a car can be a chore – and a costly one at that" however it has no immediate plans to use the new paint as standard on its cars it may offer it as an option in the future company spokeswoman geraldine ingham said the new paint is currently only being tested on the company's note family car she said "the nissan note has been carefully engineered to take the stress out of customer driving and nissan's engineers are constantly thinking of new ways to make families' lives easier" she added "we are committed to addressing everyday problems our customers face and will always consider testing exciting cutting-edge technology like this incredible coating application

PUT A SLASH (/) WHERE THE SPACES ARE

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

The Japanese automobile manufacturer Nissan has unveiled a prototype of a self-cleaning paint that means cars may no longer need washing. The new nanotechnology paint repels water, oil and other dirt that the environment can throw at a car. The paint is called Ultra-EverDry and uses a process called nanopatterning. This coats the surface of something with tiny bumps and grooves that stop water and oil from sticking to it. Nissan said the paint has "responded well" to many weather conditions, including frost, rain, sleet and snow. The car maker added that its engineers will continue testing the paint in the near future to see how close they can get to a product ready for market. Nissan's website says: "Washing a car can be a chore – and a costly one at that." However, it has no immediate plan to use the new paint as standard on its cars. It may offer it as an option in the future. Company spokeswoman Geraldine Ingalls said the new paint is currently only being tested on the company's Note family car. She said: "The Nissan Note has been carefully engineered to take the stress out of customer driving, and Nissan's engineers are constantly thinking of new ways to make families' lives easier." She added: "We are committed to addressing every day problems our customers face and will always consider testing exciting, cutting-edge technology like this incredible coating application."

FREE WRITING

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

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

ACADEMIC WRITING

From <http://www.BreakingNewsEnglish.com/1405/140501-car-wash.html>

Compare and contrast washing a car by hand and using the self-cleaning paint.

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 new paint. Share what you discover with your partner(s) in the next lesson.

3. CAR WASHES: Make a poster about car washes. Show your work to your classmates in the next lesson. Did you all have similar things?

4. SELF-CLEANING: Write a magazine article about self-cleaning products (you might have to invent some). Include imaginary interviews with people who are for and against them.

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 technology expert. Ask him/her three questions about nanotechnology. Give him/her three of your opinions on it. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

ANSWERS

TRUE / FALSE (p.4)

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

SYNONYM MATCH (p.4)

- | | |
|----------------|-----------------|
| 1. automobile | a. car |
| 2. repels | b. keeps away |
| 3. coats | c. layers |
| 4. grooves | d. cuts |
| 5. ready | e. prepared |
| 6. chore | f. burden |
| 7. option | g. choice |
| 8. stress | h. strain |
| 9. committed | i. devoted |
| 10. incredible | j. unbelievable |

COMPREHENSION QUESTIONS (p.8)

1. The prototype stage
2. Repel them
3. Tiny bumps and grooves
4. Many weather conditions
5. Market
6. A chore
7. One (the Nissan Note)
8. Stress
9. Make them easier
10. Cutting-edge technology

MULTIPLE CHOICE - QUIZ (p.9)

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

ALL OTHER EXERCISES

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