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Level 6

We need to prepare for the Internet of Things

28th April, 2015

<http://www.breakingnewsenglish.com/1504/150428-internet-of-things.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/1504/150428-internet-of-things.html>

A top technology analyst has warned that the world might not yet be ready for what is called the Internet of Things. This is the next stage of the digital and technological revolution. It will greatly transform our lives via the interconnectedness of all the devices, services and appliances we use in our daily life. The technology research company Gartner predicts that by 2020, nearly 26 billion devices will be on the Internet of Things. All of these things will communicate with each other to make even simple decisions, like ordering a new carton of milk, a seamless experience. The fridge will simply contact the delivery service when it senses stocks need replenishing, and hey presto – no need to go shopping.

The ComputerWorld magazine says that while the Internet of Things has, "the potential to drive fundamental economic and social change," there are "serious obstacles" to ensuring the infrastructure of this technological revolution is in place in time. These include the building of new data storage centres, data storage and management and data security. Gib Sorebo, a cyber-security expert, warns of the unforeseen. He says "the law of unintended consequences" on the Internet could pose problems with the explosion in the number of connected devices. He predicts that privacy will become a primary concern because of the huge number of things in our daily life that will be connected to the Internet.

Sources: <http://www.computerworlduk.com/sponsored-article/it-business/3609481/preparing-for-the-internet-of-things/>
<http://www.scmagazine.com/gib-sorebo-gives-talks-at-rsa-conference/article/410943/>
<http://allafrica.com/stories/201504240262.html>

WARM-UPS

1. THE INTERNET: Students walk around the class and talk to other students about the Internet. 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?

technology / ready / the next stage / technological revolution / research / decisions / potential / obstacles / infrastructure / data storage / consequences / explosion

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

3. CONNECTED: What are the pros and cons of these things being connected to the Internet? Complete this table with your partner(s). Change partners often and share what you wrote.

	Possible uses	Pros	Cons
Your fridge			
Your car			
Your watch			
Your shoes			
Your sofa			
Your garden			

4. THE INTERNET OF THINGS: Students A **strongly** believe 'The Internet of Things' is a great name; Students B **strongly** believe it's a silly name and there should be a better one. Change partners again and talk about your conversations.

5. PROBLEMS: Rank these with your partner. Put the biggest problem from digital connectivity at the top. Change partners often and share your rankings.

- Privacy
- Internet costs
- Less control of life
- Laziness
- Machine-made mistakes
- Loss of jobs
- Machines taking over
- Hackers

6. DIGITAL: Spend one minute writing down all of the different words you associate with the word "digital". 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/1504/150428-internet-of-things.html>

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

- | | |
|--|-------|
| a. A tech expert said we will never be ready for the Internet of Things. | T / F |
| b. The Internet of Things will bring big changes to our life. | T / F |
| c. In the next 10 years, over 25 billion devices will be connected online. | T / F |
| d. A fridge will be able to re-order supplies that are running low. | T / F |
| e. The Internet of Things has infrastructure obstacles to overcome. | T / F |
| f. We have enough data storage facilities for the Internet of Things. | T / F |
| g. There will be little that is unexpected from the Internet of Things. | T / F |
| h. The Internet of Things will not throw up any concerns about privacy. | T / F |

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

- | | |
|-----------------|-----------------|
| 1. warned | a. refilling |
| 2. stage | b. smooth |
| 3. greatly | c. ability |
| 4. seamless | d. step |
| 5. replenishing | e. propel |
| 6. potential | f. key |
| 7. drive | g. cautioned |
| 8. unforeseen | h. enormous |
| 9. primary | i. unexpected |
| 10. huge | j. considerably |

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

- | | |
|--------------------------|----------------------|
| 1. the next | a. devices |
| 2. 26 billion | b. need replenishing |
| 3. a seamless | c. storage |
| 4. when it senses stocks | d. of things |
| 5. hey | e. consequences |
| 6. serious | f. experience |
| 7. data | g. a primary concern |
| 8. unintended | h. presto |
| 9. privacy will become | i. stage |
| 10. the huge number | j. obstacles |

GAP FILL

From <http://www.BreakingNewsEnglish.com/1504/150428-internet-of-things.html>

A top technology (1) _____ has warned that the world might not yet be ready for what is called the Internet of Things. This is the next (2) _____ of the digital and technological revolution. It will greatly transform our lives (3) _____ the interconnectedness of all the devices, services and appliances we use in our (4) _____ life. The technology research company Gartner predicts that by 2020, nearly 26 billion (5) _____ will be on the Internet of Things. All of these things will communicate with each other to make even (6) _____ decisions, like ordering a new carton of milk, a (7) _____ experience. The fridge will simply contact the delivery service when it senses stocks need replenishing, and hey (8) _____ - no need to go shopping.

via
simple
stage
presto
devices
analyst
seamless
daily

The ComputerWorld magazine says that while the Internet of Things has, "the (9) _____ to drive fundamental economic and social change," there are "(10) _____ obstacles" to ensuring the infrastructure of this technological revolution is in (11) _____ in time. These include the building of new data (12) _____ centres, data storage and management and data security. Gib Sorebo, a cyber-security expert, warns of the (13) _____. He says "the law of unintended consequences" on the Internet could pose problems with the (14) _____ in the number of connected devices. He predicts that (15) _____ will become a primary concern because of the (16) _____ number of things in our daily life that will be connected to the Internet.

storage
potential
place
privacy
huge
unforeseen
serious
explosion

LISTENING – Guess the answers. Listen to check.

From <http://www.BreakingNewsEnglish.com/1504/150428-internet-of-things.html>

- 1) A top technology analyst has warned that the world _____ ready
 - a. might not still be
 - b. might not yet been
 - c. might not yet be
 - d. might not still been
- 2) This is the next stage of the digital and _____
 - a. technological revolutions
 - b. technology revolution
 - c. technologically revolution
 - d. technological revolution
- 3) all the devices, services and appliances we _____ life
 - a. use in our daily
 - b. use in your daily
 - c. use in our day lie
 - d. use on our daily
- 4) make even simple decisions, like ordering a new carton of milk, _____
 - a. a seamless experience
 - b. a seems less experience
 - c. a seem less experience
 - d. a seam less experience
- 5) simply contact the delivery service when it senses stocks need replenishing, _____
 - a. and hi presto
 - b. and hey presto
 - c. and hay presto
 - d. and hate presto
- 6) the Internet of Things has, "the potential to drive fundamental _____ change"
 - a. economic and socially
 - b. economic and socials
 - c. economic and socialise
 - d. economic and social
- 7) obstacles to ensuring the infrastructure of this technological revolution _____ time
 - a. is on place in
 - b. is in place in
 - c. is unplaced in
 - d. is in placed in
- 8) These include the building of new data _____
 - a. storage centres
 - b. store age centres
 - c. store ridge centres
 - d. stow a ridge centres
- 9) He says "the law of unintended consequences" on the Internet _____
 - a. could post problems
 - b. could suppose problems
 - c. could propose problems
 - d. could pose problems
- 10) a primary concern because of the huge number of things in our daily _____ connected
 - a. live that will be
 - b. life that will be
 - c. lives that will be
 - d. life what will be

LISTENING – Listen and fill in the gaps

From <http://www.BreakingNewsEnglish.com/1504/150428-internet-of-things.html>

A top technology analyst has warned (1) _____ might not yet be ready for what is called the Internet of Things. This is the next stage (2) _____ technological revolution. It will greatly transform our lives via the interconnectedness of all the devices, services and appliances (3) _____ daily life. The technology research company Gartner predicts that by 2020, nearly 26 billion devices will be on the Internet of Things. (4) _____ will communicate with each other to make even simple decisions, (5) _____ carton of milk, a seamless experience. The fridge will simply contact the delivery service when (6) _____ replenishing, and hey presto – no need to go shopping.

The ComputerWorld magazine (7) _____ the Internet of Things has, "the (8) _____ fundamental economic and social change," there are (9) _____ ensuring the infrastructure of this technological revolution is in place in time. These include the building of new data storage centres, data storage and management and data security. Gib Sorebo, a (10) _____, warns of the unforeseen. He says "the law of unintended consequences" on the Internet could pose problems (11) _____ the number of connected devices. He predicts that privacy will become a primary concern because of the huge number of things in our daily (12) _____ connected to the Internet.

COMPREHENSION QUESTIONS

From <http://www.BreakingNewsEnglish.com/1504/150428-internet-of-things.html>

1. What did an analyst warn we might not be ready for?

2. What will the Internet of things change considerably?

3. How many devices will be on the Internet by 2020?

4. What kind of experience did the article say there could be?

5. What would be eliminated if our fridge took over ordering milk?

6. What is the name of the magazine mentioned in the second paragraph?

7. What is in the way of ensuring the infrastructure is in place?

8. Who is Gib Sorebo?

9. What did a cyber-security expert warn of?

10. What did the cyber-security expert predict would be a major worry?

MULTIPLE CHOICE - QUIZ

From <http://www.BreakingNewsEnglish.com/1504/150428-internet-of-things.html>

1. What did an analyst warn we might not be ready for?
 - a) new Internet bugs
 - b) the Internet of Things
 - c) the thing that will replace the Internet
 - d) new websites
2. What will the Internet of things change considerably?
 - a) websites
 - b) the cost of being online
 - c) our lives
 - d) data traffic
3. How many devices will be on the Internet by 2020?
 - a) exactly 26 billion
 - b) just over 26 billion
 - c) around 26 billion
 - d) just under 26 billion
4. What kind of experience did the article say there could be?
 - a) a digital one
 - b) a seamless one
 - c) a crazy one
 - d) a steaming one
5. What would be eliminated if our fridge took over ordering milk?
 - a) shopping
 - b) dairy farms
 - c) cows
 - d) the middle man
6. What is the name of the magazine mentioned in the second paragraph?
 - a) ComputerWorld
 - b) World Computer
 - c) Computer First
 - d) Internet Things
7. What is in the way of ensuring the infrastructure is in place?
 - a) viruses
 - b) hackers
 - c) firewalls
 - d) obstacles
8. Who is Gib Sorebo?
 - a) a data processor
 - b) a CEO
 - c) a cyber-security expert
 - d) a hacker
9. What did a cyber-security expert warn of?
 - a) security
 - b) chaos
 - c) explosions
 - d) the unforeseen
10. What did the cyber-security expert predict would be a major worry?
 - a) headaches
 - b) privacy
 - c) bandwidth
 - d) password protection

ROLE PLAY

From <http://www.BreakingNewsEnglish.com/1504/150428-internet-of-things.html>

Role A – Privacy

You think privacy is the biggest problem the Internet of Things will cause. Tell the others three reasons why. Tell them why their things aren't as big a problem. Also, tell the others which is the least worrying of these (and why): a loss of jobs, machines taking over or a lazy lifestyle.

Role B – Loss of jobs

You think a loss of jobs is the biggest problem the Internet of Things will cause. Tell the others three reasons why. Tell them why their things aren't as big a problem. Also, tell the others which is the least worrying of these (and why): privacy, machines taking over or a lazy lifestyle.

Role C – Machines taking over

You think machines taking over is the biggest problem the Internet of Things will cause. Tell the others three reasons why. Tell them why their things aren't as big a problem. Also, tell the others which is the least worrying of these (and why): a loss of jobs, privacy or a lazy lifestyle.

Role D – Lazy lifestyle

You think a lazy lifestyle is the biggest problem the Internet of Things will cause. Tell the others three reasons why. Tell them why their things aren't as big a problem. Also, tell the others which is the least worrying of these (and why): a loss of jobs, machines taking over or privacy.

AFTER READING / LISTENING

From <http://www.BreakingNewsEnglish.com/1504/150428-internet-of-things.html>

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

Internet	things
-----------------	---------------

- 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">• warned• stage• all• 26• simple• hey	<ul style="list-style-type: none">• while• social• place• law• predicts• huge
--	--

THE INTERNET OF THINGS SURVEY

From <http://www.BreakingNewsEnglish.com/1504/150428-internet-of-things.html>

Write five GOOD questions about the Internet of Things 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.

THE INTERNET OF THINGS DISCUSSION

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

- 1) What did you think when you read the headline?
- 2) What springs to mind when you hear the word 'Internet'?
- 3) What do you know about the Internet of Things?
- 4) What would life be like without the Internet?
- 5) What do you think is the most useful thing about the Internet?
- 6) What technological revolutions do you think will happen?
- 7) What are the bad things about devices being interconnected?
- 8) Is it better to order milk yourself or let a computer do it?
- 9) Will we need workers in the future?
- 10) How good would it be to have no need for shopping?

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THE INTERNET OF THINGS DISCUSSION

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

- 11) Did you like reading this article? Why/not?
- 12) What economic and social changes could the Internet of Things bring?
- 13) What bad things could the Internet of Things bring?
- 14) How worried are you about the unforeseen?
- 15) What is the law of unintended consequences?
- 16) What are your favourite devices and why?
- 17) Would you like your life to be controlled by connected devices?
- 18) How concerned are you about privacy on the Internet?
- 19) What do you think of the idea of our brain being connected to the Internet?
- 20) What questions would you like to ask an Internet expert?

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/1504/150428-internet-of-things.html>

A top technology (1) _____ has warned that the world might not yet be ready for what is called the Internet of Things. This is the next (2) _____ of the digital and technological revolution. It will greatly transform our lives (3) _____ the interconnectedness of all the devices, services and (4) _____ we use in our daily life. The technology research company Gartner predicts that by 2020, nearly 26 billion devices will be on the Internet of Things. All of these things will communicate with each other to make even (5) _____ decisions, like ordering a new carton of milk, a seamless experience. The fridge will simply contact the delivery service when it senses stocks need replenishing, and (6) _____ presto – no need to go shopping.

The ComputerWorld magazine says that (7) _____ the Internet of Things has, "the potential to (8) _____ fundamental economic and social change," there are "serious obstacles" to ensuring the infrastructure of this technological revolution is in place in time. These (9) _____ the building of new data storage centres, data storage and management and data security. Gib Sorebo, a cyber-security expert, warns of the (10) _____. He says "the law of unintended consequences" on the Internet could pose problems with the (11) _____ in the number of connected devices. He predicts that privacy will become a (12) _____ concern because of the huge number of things in our daily life that will be connected to the Internet.

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

- | | | | | |
|-----|----------------|----------------|----------------|----------------|
| 1. | (a) analyst | (b) analysis | (c) analytics | (d) analyse |
| 2. | (a) staged | (b) staging | (c) stage | (d) stags |
| 3. | (a) ivy | (b) vie | (c) via | (d) vis-a-vis |
| 4. | (a) applauses | (b) applies | (c) applicants | (d) appliances |
| 5. | (a) simple | (b) simply | (c) simplistic | (d) simpleton |
| 6. | (a) they | (b) hey | (c) whey | (d) hi |
| 7. | (a) whether | (b) whichever | (c) when | (d) while |
| 8. | (a) divert | (b) drive | (c) drivel | (d) driven |
| 9. | (a) inclusive | (b) including | (c) include | (d) inclusion |
| 10. | (a) sights | (b) unforeseen | (c) seeing | (d) seers |
| 11. | (a) circumvent | (b) plethora | (c) rocket | (d) explosion |
| 12. | (a) primacy | (b) primary | (c) primitive | (d) prime time |

SPELLING

From <http://www.BreakingNewsEnglish.com/1504/150428-internet-of-things.html>

Paragraph 1

1. technological nlteuoivor
2. It will greatly oatrmsrnf our lives
3. aplpnacsie we use in our daily life
4. a meesslsa experience
5. when it senses stocks need reilpgnneish
6. ehy ertops

Paragraph 2

7. the Internet of Things has the noatletpi
8. serious ascsbetol
9. data togsare centres
10. warns of the fesoeunner
11. the iosexopnl in the number
12. a pmrayri concern

PUT THE TEXT BACK TOGETHER

From <http://www.BreakingNewsEnglish.com/1504/150428-internet-of-things.html>

Number these lines in the correct order.

()	unforeseen. He says "the law of unintended consequences" on the Internet could pose problems with the
(1)	A top technology analyst has warned that the world might not yet be ready for what is called the
()	milk, a seamless experience. The fridge will simply contact the delivery service when it senses
()	explosion in the number of connected devices. He predicts that privacy will become a primary concern because
()	place in time. These include the building of new data storage centres, data storage and
()	and social change," there are "serious obstacles" to ensuring the infrastructure of this technological revolution is in
()	of the huge number of things in our daily life that will be connected to the Internet.
()	management and data security. Gib Sorebo, a cyber-security expert, warns of the
()	The ComputerWorld magazine says that while the Internet of Things has, "the potential to drive fundamental economic
()	Internet of Things. This is the next stage of the digital and technological revolution. It will greatly transform
()	of these things will communicate with each other to make even simple decisions, like ordering a new carton of
()	our lives via the interconnectedness of all the devices, services and appliances we use in our daily life. The technology
()	stocks need replenishing, and hey presto – no need to go shopping.
()	research company Gartner predicts that by 2020, nearly 26 billion devices will be on the Internet of Things. All

PUT THE WORDS IN THE RIGHT ORDER

From <http://www.BreakingNewsEnglish.com/1504/150428-internet-of-things.html>

1. world yet the not ready that might be Warned .

2. in life and use daily Services we our appliances .

3. All things with these communicate other of will each .

4. fridge delivery will service simply contact The the .

5. it stocks replenishing When senses need .

6. the serious infrastructure obstacles to There ensuring are

7. storage These building data the new centres include of .

8. explosion connected in devices the number The of .

9. primary He privacy a that become concern predicts will .

10. of number huge the of Because life daily our in things .

CIRCLE THE CORRECT WORD (20 PAIRS)

From <http://www.BreakingNewsEnglish.com/1504/150428-internet-of-things.html>

A top technology *analysis / analyst* has warned that the world might not yet be ready for what is *calling / called* the Internet of Things. This is the next stage of the digital and technological revolution. It will *greatly / greatest* transform our lives *via / vie* the interconnectedness of all the devices, services and *appliances / applicants* we use in our daily life. The technology research company Gartner predicts *what / that* by 2020, nearly 26 billion devices will be *in / on* the Internet of Things. All of these things will communicate with each other to make *even / evenly* simple decisions, like ordering a new carton of milk, a *seamless / seamstress* experience. The fridge will simply contact the delivery service when it senses stocks need *replenishing / replenish*, and hey presto – no need to go shopping.

The ComputerWorld magazine says that *while / whole* the Internet of Things has, "the potential to *fly / drive* fundamental economic and social change," there are "serious *obstacles / tentacles*" to ensuring the infrastructure of this technological revolution is in place in *time / timely*. These include the building of new data *store / storage* centres, data storage and management and data security. Gib Sorebo, a cyber-security *expert / expertise*, warns *for / of* the unforeseen. He says "the law of unintended consequences" on the Internet could *pose / post* problems with the explosion in the number of connected devices. He predicts that *piracy / privacy* will become a primary concern because of the *hugely / huge* number of things in our daily life that will be connected to the Internet.

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/1504/150428-internet-of-things.html>

t_p t_chn_l_gy _n_lyst h_s w_rn_d th_t th_w_rld m_ght n_t_y_t b_r_dy f_r wh_t_s c_ll_d th__nt_rn_t_f Th_ngs. Th_s_s th_n_xt st_g_f th_d_g_t_l_nd t_chn_l_g_c_l_r_v_l_t_n. t_w_ll gr__tly tr_nsf_r_m __r l_v_s v__ th__nt_rc_nn_ct_dn_ss _f _ll th_d_v_c_s, s_rv_c_s _nd _ppl__nc_s w__s __n __r d__ly l_f. Th_t_chn_l_gy r_s__rch c_m_p_ny G_rtn_r pr_d_cts th_t by 2020, n__rly 26 b_ll__n d_v_c_s w_ll b__n th__nt_rn_t_f Th_ngs. _ll_f th_s th_ngs w_ll c_mm_n_c_t_w th__ch th_r_t_m_k__v_n s_mpl_d_c_s__ns, l_k__rd_r_ng __n_w c_rtn_f m_lk, __s__ml_ss_xp_r__nc_. Th_fr_dg_w_ll s_mply c_nt_ct th_d_l_v_ry s_rv_c_ wh_n_t_s_ns_s st_cks n__d r_pl_n_sh_ng, _nd h_y pr_st__n_n__d t_g_sh_pp_ng.

Th_C_m_p_t_rW_rld m_g_z_n_s_ys th_t wh_l_th__nt_rn_t_f Th_ngs h_s, "th_p_t_nt_l_t_dr_v__f_nd_m_nt_l__c_n_m_c__nd s_c__l_ch_ng_," th_r__r "s_r__s__bst_cl_s" t__ns_r_ng th__nfr_str_ct_r__f th_s t_chn_l_g_c_l_r_v_l_t_n_s __n pl_c__n_t_m_. Th_s__ncl_d th_b__ld_ng_f n_w_d_t_st_r_g_c_ntr_s, d_t_st_r_g__nd m_n_g_m_nt__nd d_t_s_c_r_ty. G_b S_r_b_, __cyb_r-s_c_r_ty_xp_r_t, w_rns _f th__nfr_s__n. H_s_ys "th_l_w__f__n_nt_nd_d_c_ns_q__nc_s" __n th__nt_rn_t_c__ld p_s__pr_bl_ms w_th th__xpl_s__n __n th_n_mb_r__f c_nn_ct_d_d_v_c_s. H_pr_d_cts th_t pr_v_cy w_ll b_c_m__pr_m_ry c_nc_rn b_c__s__f th_h_g__n_mb_r__f th_ngs __n __r d__ly l_f th_t w_ll b_c_nn_ct_d_t th__nt_rn_t.

PUNCTUATE THE TEXT AND ADD CAPITALS

From <http://www.BreakingNewsEnglish.com/1504/150428-internet-of-things.html>

a top technology analyst has warned that the world might not yet be ready for what is called the internet of things this is the next stage of the digital and technological revolution it will greatly transform our lives via the interconnectedness of all the devices services and appliances we use in our daily life the technology research company gartner predicts that by 2020 nearly 26 billion devices will be on the internet of things all of these things will communicate with each other to make even simple decisions like ordering a new carton of milk a seamless experience the fridge will simply contact the delivery service when it senses stocks need replenishing and hey presto – no need to go shopping

the computerworld magazine says that while the internet of things has "the potential to drive fundamental economic and social change" there are "serious obstacles" to ensuring the infrastructure of this technological revolution is in place in time these include the building of new data storage centres data storage and management and data security gib sorebo a cyber-security expert warns of the unforeseen he says "the law of unintended consequences" on the internet could pose problems with the explosion in the number of connected devices he predicts that privacy will become a primary concern because of the huge number of things in our daily life that will be connected to the internet

PUT A SLASH (/) WHERE THE SPACES ARE

From <http://www.BreakingNewsEnglish.com/1504/150428-internet-of-things.html>

A top technology analyst has warned that the world might not yet be ready for what is called the Internet of Things. This is the next stage of the digital and technological revolution. It will greatly transform our lives via the internet connectedness of all the devices, services and appliances we use in our daily life. The technology research company Gartner predicts that by 2020, nearly 26 billion devices will be on the Internet of Things. All of these things will communicate with each other to make even simple decisions, like ordering a new carton of milk, a seamless experience. The fridge will simply contact the delivery service when its senses stocks need replenishing, and hey presto – no need to go shopping. The Computer World magazine says that while the Internet of Things has, "the potential to drive fundamental economic and social change," there are "serious obstacles" to ensuring the infrastructure of this technological revolution is in place in time. These include the building of new data storage centres, data storage and management and data security. Gib Sorebo, a cyber-security expert, warns of the unforeseen. He says "the law of unintended consequences" on the Internet could pose problems with the explosion in the number of connected devices. He predicts that privacy will become a primary concern because of the huge number of things in our daily life that will be connected to the Internet.

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 the Internet of Things. Share what you discover with your partner(s) in the next lesson.

3. THE INTERNET OF THINGS: Make a poster about the Internet of Things. Show your work to your classmates in the next lesson. Did you all have similar things?

4. CONNECTED: Write a magazine article about everything being connected to everything and everyone. 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 the Internet. Ask him/her three questions about the Internet of Things. Give him/her three of your ideas on how to make it better. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

ANSWERS

TRUE / FALSE (p.4)

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

SYNONYM MATCH (p.4)

- | | |
|-----------------|-----------------|
| 1. warned | a. cautioned |
| 2. stage | b. step |
| 3. greatly | c. considerably |
| 4. seamless | d. smooth |
| 5. replenishing | e. refilling |
| 6. potential | f. ability |
| 7. drive | g. propel |
| 8. unforeseen | h. unexpected |
| 9. primary | i. key |
| 10. huge | j. enormous |

COMPREHENSION QUESTIONS (p.8)

1. The Internet of Things
2. Our lives
3. Nearly 26 billion
4. A seamless one
5. The need to reorder / Shopping
6. ComputerWorld
7. Serious Obstacles
8. A Cyber-security expert
9. The unforeseen
10. Privacy

MULTIPLE CHOICE - QUIZ (p.9)

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

ALL OTHER EXERCISES

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