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Level 6 – 30th January 2023

Urgent search for lost radioactive capsule in Australia

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<https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

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

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THE ARTICLE

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

A radiation alert was issued in Australia on Saturday over a missing radioactive capsule. The warning was from authorities in Western Australia. State officials there warned residents of a "radioactive substance risk" in several regions, including the state capital Perth. The search is now on for the tiny capsule, which contains the harmful and radioactive substance Caesium-137. The capsule is just 8 mm high and 6 mm wide. However, it contains a sufficient amount of radioactive material to "cause serious health consequences". The capsule went missing as it was being transported from the mining town of Newman to a northeast suburb of Perth. Officials believe it fell through a hole in the truck transporting it.

Caesium-137 is used by the mining industry in Australia. The chief health officer for Western Australia, Andrew Robertson, urged caution to anyone finding the capsule. He warned: "Exposure to this substance could cause radiation burns or severe illness. If people see the capsule or something that looks similar, stay away from it and keep others away from it too." He added: "If you are very close to the material or touch it, the radiation risk increases immensely and could cause serious damage to your health, including causing radiation burns to the skin." Even being within a metre of the capsule could expose someone to radiation levels that are the equivalent of ten X-rays.

Sources: <https://www.reuters.com/world/asia-pacific/search-underway-radioactive-capsule-missing-australia-2023-01-28/>
<https://www.thetimes.co.uk/article/western-australians-warned-over-radioactive-capsule-lost-on-highway-0sq7zgphk>
<https://www.abc.net.au/news/2023-01-27/radioactive-capsule-lost-in-wa-emergency-public-health-warning/101901472>

WARM-UPS

1. RADIOACTIVE MATERIAL: Students walk around the class and talk to other students about radioactive material. 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?

radiation / alert / capsule / capital / harmful / health consequences / mining / truck / industry / chief / caution / illness / material / damage / risk / burns / skin / X-rays

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

3. BAN: Students A **strongly** believe we should ban all companies from using radioactive materials; Students B **strongly** believe otherwise. Change partners again and talk about your conversations.

4. NUCLEAR: What are the good and bad things about these uses of nuclear technology? Complete this table with your partner(s). Change partners often and share what you wrote.

	Good	Bad
Space		
Medicine		
Energy		
Policing		
Agriculture		
Mining		

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

6. ENERGY: Rank these with your partner. Put the best energy at the top. Change partners often and share your rankings.

- Nuclear
- Coal
- Gas
- Wind
- Solar
- Biofuels
- Hydro-electricity
- Wave power

VOCABULARY MATCHING

Paragraph 1

- | | |
|----------------|---|
| 1. alert | a. Enough; adequate. |
| 2. authority | b. A person who lives somewhere permanently or on a long-term basis. |
| 3. resident | c. A person or organization having political or administrative power and control. |
| 4. substance | d. An outlying district of a city, especially a residential one. |
| 5. sufficient | e. Warn someone of a danger or problem. |
| 6. consequence | f. A particular kind of matter with uniform properties. |
| 7. suburb | g. A result or effect, typically one that is unwelcome or unpleasant. |

Paragraph 2

- | | |
|----------------|--|
| 8. chief | h. A particular form or branch of economic or commercial activity. |
| 9. industry | i. To a great extent; extremely. |
| 10. exposure | j. Having the same or a similar effect as. |
| 11. severe | k. The action of placing oneself at risk. |
| 12. immensely | l. An injury caused by exposure to heat, flame, radiation, steam, etc. |
| 13. burn | m. Of something bad or undesirable very great. |
| 14. equivalent | n. The head of an organization. |

BEFORE READING / LISTENING

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

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

1. A radioactive capsule went missing in South Australia. **T / F**
2. Officials warned of a radioactive substance risk in several regions. **T / F**
3. The capsule is about 8 cm in height. **T / F**
4. Officials believe the capsule was stolen from a truck. **T / F**
5. The article says the substance Caesium-137 is used for nuclear energy. **T / F**
6. A health chief said the capsule was deadly. **T / F**
7. The substance could burn the skin. **T / F**
8. Being a metre away from the capsule is the same as having 10 X-rays. **T / F**

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

- | | |
|----------------------|-------------------|
| 1. alert | a. enough |
| 2. residents | b. conurbation |
| 3. harmful | c. wariness |
| 4. sufficient | d. citizens |
| 5. suburb | e. tremendously |
| 6. caution | f. put at risk of |
| 7. severe | g. warning |
| 8. immensely | h. bringing about |
| 9. causing | i. injurious |
| 10. expose | j. acute |

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

- | | |
|--------------------------------|-------------------------------------|
| 1. A radiation alert was | a. increases immensely |
| 2. The warning was from | b. on for the tiny capsule |
| 3. The search is now | c. of ten X-rays |
| 4. it contains a sufficient | d. suburb of Perth |
| 5. a northeast | e. to radiation levels |
| 6. Exposure to this substance | f. issued in Australia |
| 7. the radiation risk | g. burns to the skin |
| 8. including causing radiation | h. amount of radioactive material |
| 9. expose someone | i. could cause radiation burns |
| 10. the equivalent | j. authorities in Western Australia |

GAP FILL

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

A radiation alert was (1) _____ in Australia on Saturday over a missing radioactive capsule. The warning was from authorities in Western Australia. State (2) _____ there warned residents of a "radioactive substance risk" in several (3) _____, including the state capital Perth. The search is now on for the tiny capsule, which contains the harmful and radioactive (4) _____ Caesium-137. The capsule is just 8 mm high and 6 mm wide. However, it contains a (5) _____ amount of radioactive material to "cause serious health consequences". The capsule went (6) _____ as it was being transported from the (7) _____ town of Newman to a northeast (8) _____ of Perth. Officials believe it fell through a hole in the truck transporting it.

sufficient
regions
suburb
issued
missing
substance
mining
officials

Caesium-137 is used by the mining (9) _____ in Australia. The chief health officer for Western Australia, Andrew Robertson, urged (10) _____ to anyone finding the capsule. He warned: "Exposure to this substance could cause radiation (11) _____ or severe illness. If people see the capsule or something that looks (12) _____, stay away from it and keep others away from it too." He added: "If you are very close to the material or (13) _____ it, the radiation risk increases (14) _____ and could cause serious damage to your health, including causing radiation (15) _____ to the skin." Even being within a metre of the capsule could expose someone to radiation levels that are the (16) _____ of ten X-rays.

immensely
caution
similar
equivalent
industry
burns
touch
burns

LISTENING – Guess the answers. Listen to check.

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

- 1) State officials there warned residents of a " _____ "
 - a. radioactive substance risks
 - b. radioactive substance risqué
 - c. radioactive substance risk
 - d. radioactive substance risky
- 2) The capsule is just 8 mm high _____
 - a. and 6 mm width
 - b. and 6 mm wide
 - c. and 6 mm widen
 - d. and 6 mm widely
- 3) a sufficient amount of radioactive material to "cause _____ "
 - a. serious health consequential
 - b. serious health consequence
 - c. serious health consequent
 - d. serious health consequences
- 4) The capsule went missing as it was being transported from _____
 - a. the mining town
 - b. the mine in town
 - c. the my nine town
 - d. them ironing town
- 5) Officials believe it fell through a hole in the _____
 - a. truck transport innit
 - b. truck transport tin it
 - c. truck transport in it
 - d. truck transporting it
- 6) The chief health officer for Western Australia, Andrew _____
 - a. Robertson, purged caution
 - b. Robertson, surged caution
 - c. Robertson, merged caution
 - d. Robertson, urged caution
- 7) If people see the capsule or something _____
 - a. that looks similarity
 - b. that looks similar
 - c. that looks simile
 - d. that looks SIM miller
- 8) very close to the material or touch it, the radiation _____
 - a. risk increases immense
 - b. risk increase immensely
 - c. risks increases immensely
 - d. risk increases immensely
- 9) damage to your health, including causing radiation burns _____
 - a. to a skin
 - b. to the skint
 - c. to the skin
 - d. to these kin
- 10) expose someone to radiation levels that are the equivalent _____
 - a. often X-rays
 - b. oft ten X-rays
 - c. of ten X-rays
 - d. off ten X-rays

LISTENING – Listen and fill in the gaps

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

A radiation (1) _____ in Australia on Saturday over a missing radioactive capsule. The warning was (2) _____ Western Australia. State officials there warned residents of a "radioactive substance risk" in several regions, including the state capital Perth. The search is now on (3) _____ capsule, which contains the harmful and radioactive substance Caesium-137. The capsule is just 8 mm high and 6 mm wide. However, it (4) _____ amount of radioactive material to "cause serious health consequences". The capsule went missing as it was being transported from the mining town of Newman to (5) _____ of Perth. Officials believe it fell through a hole in the (6) _____.

Caesium-137 is used by the (7) _____ Australia. The chief health officer for Western Australia, Andrew Robertson, (8) _____ anyone finding the capsule. He warned: "Exposure to this substance could cause radiation (9) _____ illness. If people see the capsule or something that looks similar, stay away from it and keep others away from it too." He added: "If you are very close to the material or touch it, (10) _____ increases immensely and could cause serious damage to your health, including (11) _____ to the skin." Even being within a metre of the capsule could expose someone to radiation levels that are the (12) _____ X-rays.

COMPREHENSION QUESTIONS

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

1. In what Australian state has a radioactive capsule gone missing?
2. What risk did state officials warn residents of?
3. How big is the capsule?
4. Where was the capsule headed when it went missing?
5. What do officials think the capsule fell through?
6. What industry in Australia uses the materials in the capsule?
7. What is Andrew Robertson's job?
8. What kind of illness did an official say the substance could give you?
9. What could the substance in the capsule do to someone's skin?
10. What is standing a metre away from the capsule equivalent to?

MULTIPLE CHOICE - QUIZ

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

- 1) In what Australian state has a radioactive capsule gone missing?
 - a) New South Wales
 - b) Victoria
 - c) South Australia
 - d) Western Australia
- 2) What risk did state officials warn residents of?
 - a) a cancer risk
 - b) a radioactive substance risk
 - c) a catastrophic risk
 - d) a risk of major panic
- 3) How big is the capsule?
 - a) standard
 - b) large
 - c) medium sized
 - d) tiny
- 4) Where was the capsule headed when it went missing?
 - a) North
 - b) Newman
 - c) Perth
 - d) Pewman
- 5) What do officials think the capsule fell through?
 - a) a hole in someone's pocket
 - b) a fence
 - c) the ropes
 - d) a hole in a truck
- 6) What industry in Australia uses the materials in the capsule?
 - a) I.T.
 - b) space exploration
 - c) mining
 - d) nuclear power
- 7) What is Andrew Robertson's job?
 - a) chief health officer
 - b) chief medical officer
 - c) chief physicist
 - d) chief capsule designer
- 8) What kind of illness did an official say the substance could give you?
 - a) a mild one
 - b) a deadly one
 - c) a severe one
 - d) a worrying one
- 9) What could the substance in the capsule do to someone's skin?
 - a) blister it
 - b) burn it
 - c) bake it
 - d) break it
- 10) What is standing a metre away from the capsule equivalent to?
 - a) 10 X-rays
 - b) 160°C heat
 - c) a splash of acid
 - d) a burn from a match

ROLE PLAY

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

Role A – Nuclear

You think nuclear is the best form of energy. Tell the others three reasons why. Tell them what is wrong with their forms of energy. Also, tell the others which is the worst of these (and why): solar, wind or wave.

Role B – Solar

You think solar is the best form of energy. Tell the others three reasons why. Tell them what is wrong with their forms of energy. Also, tell the others which is the worst of these (and why): nuclear, wind or wave.

Role C – Wind

You think wind is the best form of energy. Tell the others three reasons why. Tell them what is wrong with their forms of energy. Also, tell the others which is the worst of these (and why): solar, nuclear or wave.

Role D – Wave

You think wave is the best form of energy. Tell the others three reasons why. Tell them what is wrong with their forms of energy. Also, tell the others which is the worst of these (and why): solar, wind or nuclear.

AFTER READING / LISTENING

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

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

urgent	search
---------------	---------------

- 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">• warning• several• tiny• wide• town• hole	<ul style="list-style-type: none">• chief• caution• similar• close• skin• ten
---	--

RADIOACTIVE MATERIAL SURVEY

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

Write five GOOD questions about radioactive material 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.

RADIOACTIVE MATERIAL DISCUSSION

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

1. What did you think when you read the headline?
2. What images are in your mind when you hear the word 'radioactive'?
3. What do you think of radioactive material?
4. How dangerous might the missing capsule be?
5. Should anyone be punished for the missing material?
6. What are radioactive materials good for?
7. What are the dangers of radiation?
8. How should radioactive materials be transported?
9. How worried are you about radiation?
10. What advice do you have for people near Perth?

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RADIOACTIVE MATERIAL DISCUSSION

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

11. Did you like reading this article? Why/not?
12. What do you think of when you hear the word 'capsule'?
13. What do you think about what you read?
14. What do you think the mining industry does with Caesium-137?
15. What do you think of the mining industry?
16. What compensation should people get if they touch the capsule?
17. What do you think of X-rays?
18. What three adjectives best describe this story?
19. Should radioactive materials be banned?
20. What questions would you like to ask the mining company?

DISCUSSION (Write your own questions)

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

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

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DISCUSSION (Write your own questions)

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

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

LANGUAGE - CLOZE

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

A radiation alert was (1) _____ in Australia on Saturday over a missing radioactive capsule. The warning was from (2) _____ in Western Australia. State officials there warned residents of a "radioactive substance risk" in several (3) _____, including the state capital Perth. The search is now on for the tiny capsule, which contains the harmful and radioactive (4) _____ Caesium-137. The capsule is just 8 mm high and 6 mm wide. However, it contains a sufficient amount of radioactive material to "cause serious health (5) _____". The capsule went missing as it was being transported from the mining town of Newman to a northeast suburb (6) _____ Perth. Officials believe it fell through a hole in the truck transporting it.

Caesium-137 is used by the mining industry in Australia. The chief health officer for Western Australia, Andrew Robertson, (7) _____ caution to anyone finding the capsule. He warned: "Exposure (8) _____ this substance could cause radiation burns or severe illness. If people see the capsule or something that looks similar, stay away from it and keep (9) _____ away from it too." He added: "If you are very close to the material or touch it, the radiation (10) _____ increases immensely and could cause serious damage to your health, including causing radiation burns (11) _____ the skin." Even being within a metre of the capsule could expose someone (12) _____ radiation levels that are the equivalent of ten X-rays.

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

- | | | | | |
|-----|-----------------|------------------|-------------------|-------------------|
| 1. | (a) issuance | (b) issuer | (c) issued | (d) issuing |
| 2. | (a) authorities | (b) authority | (c) authorize | (d) authorization |
| 3. | (a) regions | (b) legions | (c) regional | (d) lesions |
| 4. | (a) substance | (b) subscription | (c) subsidence | (d) substitution |
| 5. | (a) consequence | (b) consequences | (c) consequential | (d) consequent |
| 6. | (a) on | (b) by | (c) at | (d) of |
| 7. | (a) purged | (b) gorged | (c) urged | (d) barged |
| 8. | (a) on | (b) at | (c) of | (d) to |
| 9. | (a) others | (b) another | (c) other | (d) othered |
| 10. | (a) risqué | (b) risk | (c) brisk | (d) frisk |
| 11. | (a) of | (b) to | (c) by | (d) at |
| 12. | (a) by | (b) of | (c) to | (d) in |

SPELLING

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

Paragraph 1

1. ourhaetist in Western Australia
2. in several origens
3. the harmful and radioactive nbeastcus
4. a ncefutisif amount of radioactive material
5. serious health oneenqeccuss
6. a northeast rbbsuu of Perth

Paragraph 2

7. used by the mining rytunids in Australia
8. Andrew Robertson urged ouactni
9. radiation burns or eersve illness
10. If you are very close to the aralimet
11. the radiation risk increases enysemmil
12. the ueavetilqn of ten X-rays

PUT THE TEXT BACK TOGETHER

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

Number these lines in the correct order.

- () consequences". The capsule went missing as it was being transported from the mining town of Newman to a
- () substance risk" in several regions, including the state capital Perth. The search is now on for the tiny capsule, which contains
- () Caesium-137 is used by the mining industry in Australia. The chief health officer for Western Australia, Andrew Robertson, urged
- () away from it and keep others away from it too." He added: "If you are very close to the material
- () caution to anyone finding the capsule. He warned: "Exposure to this substance could cause
- () northeast suburb of Perth. Officials believe it fell through a hole in the truck transporting it.
- () of the capsule could expose someone to radiation levels that are the equivalent of ten X-rays.
- () the harmful and radioactive substance Caesium-137. The capsule is just 8 mm high and 6 mm wide. However,
- () your health, including causing radiation burns to the skin." Even being within a metre
- () radiation burns or severe illness. If people see the capsule or something that looks similar, stay
- () it contains a sufficient amount of radioactive material to "cause serious health
- (**1**) A radiation alert was issued in Australia on Saturday over a missing radioactive capsule. The warning
- () was from authorities in Western Australia. State officials there warned residents of a "radioactive
- () or touch it, the radiation risk increases immensely and could cause serious damage to

PUT THE WORDS IN THE RIGHT ORDER

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

1. radioactive warned there of substance . Officials a residents
2. now search The is the on for capsule .
3. of material . sufficient a amount contains It radioactive
4. the was from transported It mining town . being
5. fell hole a truck . in It the through
6. anyone finding urged capsule . to the caution He
7. could this Exposure cause to burns . substance radiation
8. health . damage serious to cause could It your
9. metre capsule . of Even the within being a
10. ten equivalent of that the X-rays . Levels are

CIRCLE THE CORRECT WORD (20 PAIRS)

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

A radiation alert was issued in Australia on Saturday *under / over* a missing radioactive capsule. The *waning / warning* was from authorities in Western Australia. State officials there warned *residence / residents* of a "radioactive substance risk" in several regions, including the *state / stated* capital Perth. The search is now on for *the / a* tiny capsule, which contains the *harmed / harmful* and radioactive substance Caesium-137. The capsule is just 8 mm high and 6 mm *width / wide*. However, it contains a sufficient amount of radioactive material *to / for* "cause serious health consequences". The capsule went missing as it was being transported from the mining town of Newman to a northeast *suburb / suburban* of Perth. Officials believe it fell through a hole in the truck transporting *them / it*.

Caesium-137 is used by the mining *industrial / industry* in Australia. The chief health officer for Western Australia, Andrew Robertson, urged *cautious / caution* to anyone finding the capsule. He warned: "Exposure *on / to* this substance could cause radiation *burns / barns* or severe illness. If people see the capsule or something that looks *similar / similarity*, stay away from it and keep *another / others* away from it too." He added: "If you are very close to the material or touch *them / it*, the radiation risk increases immensely and could cause *serious / seriousness* damage to your health, including causing radiation burns to *a / the* skin." Even being within a metre of the capsule could expose someone *to / in* radiation levels that are the equivalent of ten X-rays.

Talk about the connection between each pair of words in italics, and why the correct word is correct. Look up the definition of new words.

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

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

_ r_d__t__n _l_r_t w_s _ss__d _n __str_l__ _n S_t_rd_y
_v_r _ m_ss_ng r_d__ct_v_ c_ps_l_. Th_ w_rn_ng w_s
fr_m __th_r_t__s _n W_st_rn __str_l__. St_t_ _ff_c__ls
th_r_ w_rn_d r_s_d_n_t_s _f _ "r_d__ct_v_ s_bst_nc_
r_sk" _n s_v_r_l r_g__ns, _ncl_d_ng th_ st_t_ c_p_t_l
P_rth. Th_ s__rch _s n_w _n f_r th_ t_ny c_ps_l_,
wh_ch c_nt__ns th_ h_rmf_l _nd r_d__ct_v_ s_bst_nc_
C__s__m-137. Th_ c_ps_l_ _s j_st 8 mm h_gh _nd 6
mm w_d_. H_w_v_r, _t c_nt__ns _ s_ff_c__nt _m__nt
_f r_d__ct_v_ m_t_r__l t_ "c__s_ s_r__s h__lth
c_ns_q__nc_s". Th_ c_ps_l_ w_nt m_ss_ng _s _t w_s
b__ng tr_nsp_r_t_d fr_m th_ m_n_ng t_wn _f N_wm_n
t_ _ n_rth__st s_b_rb _f P_rth. _ff_c__ls b_l__v_ _t
f_ll thr__gh _ h_l_ _n th_ tr_ck tr_nsp_r_t_ng _t.

C__s__m-137 _s _s_d by th_ m_n_ng _nd_stry _n
__str_l__. Th_ ch__f h__lth _ff_c_r f_r W_st_rn
__str_l__, _ndr_w R_b_rts_n, _rg_d c__t__n t_ _ny_n_
f_nd_ng th_ c_ps_l_. H_ w_rn_d: "_xp_s_r_ t_ th_s
s_bst_nc_ c__ld c__s_ r_d__t__n b_rns _r s_v_r_
_lln_ss. _f p__pl_ s__ th_ c_ps_l_ _r s_m_th_ng th_t
l__ks s_m_l_r, st_y _w_y fr_m _t _nd k__p _th_rs
_w_y fr_m _t t__." H_ _dd_d: "_f y__ _r_ v_ry cl_s_
t_ th_ m_t_r__l _r t__ch _t, th_ r_d__t__n r_sk
_ncr__s_s _mm_ns_ly _nd c__ld c__s_ s_r__s d_m_g_
t_ y__r h__lth, _ncl_d_ng c__s_ng r_d__t__n b_rns t_
th_ sk_n." _v_n b__ng w_th_n _ m_tr_ _f th_ c_ps_l_
c__ld _xp_s_ s_m__n_ t_ r_d__t__n l_v_ls th_t _r_ th_
_q__v_l_nt _f t_n X-r_ys.

PUNCTUATE THE TEXT AND ADD CAPITALS

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

a radiation alert was issued in australia on saturday over a missing radioactive capsule the warning was from authorities in western australia state officials there warned residents of a radioactive substance risk in several regions including the state capital perth the search is now on for the tiny capsule which contains the harmful and radioactive substance caesium137 the capsule is just 8 mm high and 6 mm wide however it contains a sufficient amount of radioactive material to cause serious health consequences the capsule went missing as it was being transported from the mining town of newman to a northeast suburb of perth officials believe it fell through a hole in the truck transporting it

caesium137 is used by the mining industry in australia the chief health officer for western australia andrew robertson urged caution to anyone finding the capsule he warned exposure to this substance could cause radiation burns or severe illness if people see the capsule or something that looks similar stay away from it and keep others away from it too he added if you are very close to the material or touch it the radiation risk increases immensely and could cause serious damage to your health including causing radiation burns to the skin even being within a metre of the capsule could expose someone to radiation levels that are the equivalent of ten xrays

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2301/230130-radioactive-capsule.html>

A radiation alert was issued in Australia on Saturday over a missing radioactive capsule. The warning was from authorities in Western Australia. State officials there warned residents of a "radioactive substance risk" in several regions, including the state capital Perth. The search is now on for the tiny capsule, which contains the harmful and radioactive substance Caesium-137. The capsule is just 8mm high and 6mm wide. However, it contains a sufficient amount of radioactive material to "cause serious health consequences". The capsule went missing as it was being transported from the mining town of Newmantoo to an eastern suburb of Perth. Officials believe it fell through a hole in the truck transporting it. Caesium-137 is used by the mining industry in Australia. The chief health officer for Western Australia, Andrew Robertson, urged caution to anyone finding the capsule. He warned: "Exposure to this substance could cause radiation burns or severe illness. If people see the capsule or something that looks similar, stay away from it and keep others away from it too." He added: "If you are very close to the material or touch it, the radiation risk increases immensely and could cause serious damage to your health, including causing radiation burns to the skin." Even being within a metre of the capsule could expose someone to radiation levels that are the equivalent of ten X-rays.



HOMework

1. VOCABULARY EXTENSION: Choose several of the words from the text. Use a dictionary or Google's search field (or another search engine) to build up more associations / collocations of each word.

2. INTERNET: Search the Internet and find out more about this news story. Share what you discover with your partner(s) in the next lesson.

3. RADIOACTIVE MATERIAL: Make a poster about radioactive material. Show your work to your classmates in the next lesson. Did you all have similar things?

4. BAN: Write a magazine article about banning the use of all radioactive material. 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 radioactive material. Ask him/her three questions about it. 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

VOCABULARY (p.4)

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

TRUE / FALSE (p.5)

- 1 F 2 T 3 F 4 F 5 F 6 F 7 T 8 T

SYNONYM MATCH (p.5)

1. g	2. d	3. i	4. a	5. b
6. c	7. j	8. e	9. h	10. f

COMPREHENSION QUESTIONS (p.9)

- Western Australia
- A radioactive substance risk
- Tiny (8 mm high and 6 mm wide)
- Perth
- A hole in a truck
- The mining industry
- Chief health officer
- A severe illness
- Burn it
- Ten X-rays

WORDS IN THE RIGHT ORDER (p.19)

- Officials there warned residents of a radioactive substance.
- The search is now on for the capsule.
- It contains a sufficient amount of radioactive material.
- It was being transported from the mining town.
- It fell through a hole in the truck.
- He urged caution to anyone finding the capsule.
- Exposure to this substance could cause radiation burns.
- It could cause serious damage to your health.
- Even being within a metre of the capsule.
- Levels that are the equivalent of ten X-rays.

MULTIPLE CHOICE - QUIZ (p.10)

1. d 2. b 3. d 4. c 5. d 6. c 7. a 8. c 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 ;-)