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Level 3 – 4th September, 2018 Astronauts plug space station hole with finger

FREE online quizzes, mp3 listening and more for this lesson here: https://breakingnewsenglish.com/1809/180904-iss.html

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



THE ARTICLE

From https://breakingnewsenglish.com/1809/180904-iss.html

Astronauts and cosmonauts on the International Space Station (ISS) have fixed a hole in the shell of its outer wall. The ISS is a large satellite in space that scientists live in to do scientific experiments. The first part of it was put into space in 1998. Last week, NASA alerted astronauts on the ISS that the station was slowly leaking air. Astronaut Alexander Gerst and five other astronauts started looking for the leak. Mr Gerst eventually found it and quickly used a simple and effective way of stopping the leak - he put his finger over the hole. Luckily, the hole was only two millimeters wide so it was not a major emergency, but it did need fixing.

The hole was in a docked Russian Soyuz MS-09 spacecraft. NASA said it could have been caused by a small piece of space junk or a small meteorite colliding with the spacecraft. The ISS travels at speeds of around 28,000 kph. Even a tiny object hitting it can cause a lot of damage. Flight controllers in the USA and Russia worked together with the crew to fix the hole. The Soyuz commander, Sergey Prokopyev, used a heat-resistant "space tape" and a special glue to plug the hole. These are part of a "necessary space repair kit". A NASA official said the crew on the ISS are safe after the repair. He said: "The crew are healthy and safe with weeks of air left in the International Space Station reserves."

Sources: https://www.mnn.com/earth-matters/space/blogs/astronaut-uses-finger-plug-hole-space-station https://www.yahoo.com/news/space-station-alert-crew-forced-073544223.html https://www.rt.com/news/437382-iss-oxygen-leak-toothbrush/

WARM-UPS

1. SPACE: Students walk around the class and talk to other students about space. 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?

astronauts / cosmonauts / shell / satellite / space / air / leak / simple / effective / hole / space junk / meteorite / spacecraft / damage / crew / repair / safe / healthy

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

3. INTERNATIONAL SPACE STATION: Students A **strongly** believe the International Space Station is necessary; Students B **strongly** believe it isn't. Change partners again and talk about your conversations.

4. ISS PROBLEMS: What would you do in these situations on the ISS? Complete this table with your partner(s). Change partners often and share what you wrote.

	How big a problem?	Solutions
No lights		
Bullying boss		
Many cockroaches		
Homesickness		
Boredom		
Meteorite hit		

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

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

- ET
- Interstellar
- Gravity
- Star Wars

- Alien
- Apollo 13
- Wall-E
- Avatar

VOCABULARY MATCHING

Paragraph 1

1.	astronauts	a.	People (usually Russian) who are trained to travel in a spacecraft and go into space.
2.	cosmonauts	b.	A scientific action to make a discovery, test a theory, or show a fact is true.
3.	shell	c.	A machine or spacecraft put into orbit around the earth or moon or another planet in order to collect information or for communication.
4.	satellite	d.	The metal outside framework of a car, boat, space ship, etc.
5.	experiments	e.	People (usually American or linked to NASA) who are trained to travel in a spacecraft and go into space.
6.	leaking	f.	Successful in producing the result you want.
7.	effective	g.	Accidentally losing liquid or gas through a
			hole or crack.
Pai	ragraph 2		hole or crack.
Pa ı 8.	r agraph 2 docked	h.	hole or crack. Something sticky that is used for sticking objects or materials together.
		h. i.	Something sticky that is used for sticking
8.	docked		Something sticky that is used for sticking objects or materials together. About a spacecraft joining with a space
8. 9.	docked junk	i.	Something sticky that is used for sticking objects or materials together. About a spacecraft joining with a space station or another spacecraft in space.
8. 9. 10.	docked junk colliding	i. j.	Something sticky that is used for sticking objects or materials together. About a spacecraft joining with a space station or another spacecraft in space. A thing that can be touched. A supply of something that is not needed for
8. 9. 10. 11.	docked junk colliding tiny	i. j. k.	Something sticky that is used for sticking objects or materials together. About a spacecraft joining with a space station or another spacecraft in space. A thing that can be touched. A supply of something that is not needed for use now but is available later if needed.

BEFORE READING / LISTENING

From https://breakingnewsenglish.com/1809/180904-iss.html

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

- a. A hole on the ISS was fixed by cosmonauts and astronauts. **T / F**
- b. Parts of the ISS have been in space since 1998. T / F
- c. A total of six astronauts looked for a hole in the ISS. **T / F**
- d. The hole in the ISS was 20 millimeters wide. T / F
- e. The hole was definitely caused by a piece of space junk. **T / F**
- f. A cosmonaut used special "space tape" to fix the hole. **T / F**
- g. A NASA official said the ISS crew weren't safe yet. **T / F**
- h. The ISS doesn't have enough reserves of air to last. T / F

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

- 1. fixed
- 2. experiments
- 3. alerted
- 4. eventually
- 5. need
- 6. caused
- 7. colliding
- 8. tiny
- 9. safe
- 10. reserves

- a. warned
- b. all right
- c. created
- d. tests
- e. crashing into
- f. repaired
- g. supplies
- h. finally
- i. require
- j. very small

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

- 1. scientific
- 2. the station was slowly
- 3. he put his finger
- 4. the hole was only
- 5. it was not a major
- 6. a small piece of space
- 7. The ISS travels at speeds of
- 8. cause a lot
- 9. a heat-resistant
- 10. The crew are healthy

- a. around 28,000 kph
- b. and safe
- c. emergency
- d. junk
- e. of damage
- f. over the hole
- g. "space tape"
- h. two millimeters wide
- i. experiments
- j. leaking air

GAP FILL

From https://breakingnewsenglish.com/1809/180904-iss.html

Astronauts and cosmonauts on the International Space Station	eventually
(ISS) have fixed a hole in the (1) of its outer wall.	satellite
The ISS is a large (2) in space that scientists live in	major
to do scientific experiments. The first (3) of it was	leaking
put into space in 1998. Last week, NASA alerted astronauts on the	2
ISS that the station was slowly (4) air. Astronaut	wide
Alexander Gerst and five other astronauts started looking for the	shell
leak. Mr Gerst (5) found it and quickly used a	part
simple and (6) way of stopping the leak - he put his	effective
finger over the hole. Luckily, the hole was only two millimeters	
(7) so it was not a (8) emergency,	
but it did need fixing.	

The hole was in a (9) Russian Soyuz MS-09	colliding
spacecraft. NASA said it could have been caused by a small piece	repair
of space (10) or a small meteorite	docked
(11) with the spacecraft. The ISS travels at speeds	crew
of around 28,000 kph. Even a (12) object hitting it	
can cause a lot of damage. Flight controllers in the USA and Russia	reserves
worked together with the (13) to fix the hole. The	junk
Soyuz commander, Sergey Prokopyev, used a heat-resistant	tiny
"space tape" and a special (14) to plug the hole.	glue
These are part of a "necessary space (15) kit". A	
NASA official said the crew on the ISS are safe after the repair. He	
said: "The crew are healthy and safe with weeks of air left in the	
International Space Station (16)"	

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LISTENING – Guess the answers. Listen to check.

From https://breakingnewsenglish.com/1809/180904-iss.html

1)	the International Space Station (ISS) have fixed a hole in the shell of
	a. its other wall
	 b. its outer wail c. its outer wall
	d. its udder wall
21	The ISS is a large satellite in space that scientists live in to do
2)	a. scientifically experiment
	b. scientific experiences
	c. scientific experiments
	d. scientifically experiments
3)	NASA alerted astronauts on the ISS that the station was
	a. slowly leak in air
	b. slowly leek in air
	c. slowly lea king air
	d. slowly leaking air
4)	Astronaut Alexander Gerst and five other astronauts started looking a. for the leak
	b. for them leak
	c. for then leak
	d. for their leak
5)	Luckily, the hole was only two millimeters wide so it was emergency
-	a. not a majorly
	b. not a majority
	c. not a majors
	d. not a major
6)	NASA said it could have been caused by a small piece
	a. off space junkb. of spaced junk
	c. of space junks
	d. of space junk
7)	Even a tiny object hitting it can cause a
,	a. lots of damage
	b. lot of damage
	c. lot off damage
	d. lot of damaged
8)	Flight controllers in the USA and Russia worked together with the the hole
	a. clue too fix b. crew two fix
	c. crew to fix
	d. clue to fix
9)	used a heat-resistant "space tape" and a special the hole
- /	a. glued to plug
	b. glue to plug
	c. glued to plug
	d. gluey to plug
10) The crew are healthy and safe with weeks of air left in the International
	a. Space Station deserves
	b. Space Station preserves
	c. Space Station reserves

d. Space Station conserves

LISTENING – Listen and fill in the gaps

From https://breakingnewsenglish.com/1809/180904-iss.html

Astronauts and cosmonauts on the International Space Station (ISS) have (1) ________ in the shell of its outer wall. The ISS is a large satellite in space that scientists live (2) _______ scientific experiments. The first part of it was (3) _______ in 1998. Last week, NASA alerted astronauts on the ISS that the station was slowly leaking air. Astronaut Alexander Gerst (4) _______ astronauts started looking for the leak. Mr Gerst eventually found it and quickly used a simple and (5) _______ stopping the leak - he put his finger over the hole. Luckily, the hole was only two millimeters wide so it was (6) ______ emergency, but it did need fixing.

The hole was (7) ______ Russian Soyuz MS-09 spacecraft. NASA said it could have been caused bv а small piece (8) or a small meteorite colliding with the spacecraft. The ISS travels at speeds of around 28,000 kph. Even a tiny object hitting it can cause a (9) ______. Flight controllers in the USA and Russia worked together (10) ______ to fix the hole. The Soyuz commander, Sergey Prokopyev, used a heat-resistant "space tape" and a special glue to plug the hole. These (11) _____ a "necessary space repair kit". A NASA official said the crew on the ISS are crew are safe after the repair. He said: "The healthy and (12) of air left in the International Space Station reserves."

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COMPREHENSION QUESTIONS

From https://breakingnewsenglish.com/1809/180904-iss.html

- 1. What wall was the hole in?
- 2. When was the first part of the ISS put into space?
- 3. How many astronauts started looking for the hole?
- 4. What did an astronaut initially put over the hole?
- 5. How wide was the hole in the ISS?
- 6. What could have caused the hole, besides a small meteorite?
- 7. How fast does the ISS travel at?
- 8. What did a cosmonaut use in the hole that was heat resistant?
- 9. What did NASA say about the crew?
- 10. How much air is left on the ISS?

MULTIPLE CHOICE - QUIZ

From https://breakingnewsenglish.com/1809/180904-iss.html

 1) What wall was the hole in? a) a firewall b) a great wall c) an inner wall d) an outer wall 	 6) What could have caused the hole, besides a small meteorite? a) rust b) space junk c) gas d) a fork
 2) When was the first part of the ISS put into space? a) 2001 b) 1998 c) 1989 d) 1899 	 7) How fast does the ISS travel at? a) 22,000 kph b) 24,000 kph c) 25,000 kph d) 28,000 kph
 3) How many astronauts started looking for the hole? a) 5 b) 3 c) 6 d) 4 	8) What did a cosmonaut use on the hole that was heat resistant?a) space tapeb) space gumc) space filmd) space powder
 4) What did an astronaut initially put over the hole? a) his finger b) a plaster c) paper d) chewing gum 	 9) What did NASA say about the crew? a) they were smart b) they were in danger c) they were safe d) they were cool
 5) How wide was the hole in the ISS? a) 22mm b) 12mm c) 2mm d) 20mm 	10) How much air is left on the ISS?a) hoursb) weeksc) daysd) months

ROLE PLAY

From https://breakingnewsenglish.com/1809/180904-iss.html

Role A – E.T.

You think E.T. is the best space movie. Tell the others three reasons why. Tell them what is wrong with their movies. Also, tell the others which is the worst of these (and why): Star Wars, Avatar or Apollo 13.

Role B – Star Wars

You think Star Wars is the best space movie. Tell the others three reasons why. Tell them what is wrong with their movies. Also, tell the others which is the worst of these (and why): E.T., Avatar or Apollo 13.

Role C – Avatar

You think Avatar is the best space movie. Tell the others three reasons why. Tell them what is wrong with their movies. Also, tell the others which is the worst of these (and why): Star Wars, E.T. or Apollo 13.

Role D – Apollo 13

You think Apollo 13 is the best space movie. Tell the others three reasons why. Tell them what is wrong with their movies. Also, tell the others which is the worst of these (and why): Star Wars, Avatar or E.T.

AFTER READING / LISTENING

From https://breakingnewsenglish.com/1809/180904-iss.html

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

space	station

- 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:

shelllarge	piecespeeds
• first	• cause
 slowly 	• tape
 simple 	official
• two	• air

SPACE SURVEY

From https://breakingnewsenglish.com/1809/180904-iss.html

Write five GOOD questions about space 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.

SPACE 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 'space'?
- 3. What do you know about the International Space Station?
- 4. What do you think of space?
- 5. What would it be like to live on the International Space Station?
- 6. What is your favourite movie about space?
- 7. What are the good and bad things about the ISS?
- 8. How worrying is an air leak in space?
- 9. What would you do if you went on the ISS?
- 10. What advice do you have for the astronauts?

Astronauts plug space station hole with finger – 4th September, 2018 Thousands more free lessons at breakingnewsenglish.com

SPACE 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 'station'?
- 13. What do you think about what you read?
- 14. What are the differences between American and Russian spacecraft?
- 15. What are the dangers of space junk?
- 16. Would you like to be an astronaut?
- 17. What things would you need if you lived on the ISS?
- 18. Would you be a good astronaut?
- 19. Why do we need the International Space Station?
- 20. What questions would you like to ask the astronauts?

DISCUSSION (Write your own questions)

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

1.	
2.	
Ζ.	
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/1809/180904-iss.html

Astronauts and cosmonauts on the International Space Station (ISS) have fixed a hole in the (1) ______ of its outer wall. The ISS is a large satellite (2) ______ space that scientists live in to do scientific experiments. The first part of it was put into space in 1998. Last week, NASA (3) ______ astronauts on the ISS that the station was slowly leaking air. Astronaut Alexander Gerst and five other astronauts started (4) ______ for the leak. Mr Gerst eventually found it and quickly used a simple and effective (5) ______ of stopping the leak - he put his finger over the hole. Luckily, the hole was only two millimeters wide so it was not a (6) ______ emergency, but it did need fixing.

The hole was in a (7) _____ Russian Soyuz MS-09 spacecraft. NASA said it could have been caused by a small piece of space junk or a small meteorite (8) _____ with the spacecraft. The ISS travels at speeds of around 28,000 kph. Even a tiny object hitting it can cause a lot of damage. Flight (9) _____ in the USA and Russia worked together with the crew to fix the hole. The Soyuz commander, Sergey Prokopyev, used a heat-(10) _____ "space tape" and a special glue to plug the hole. These are part of a "necessary space repair kit". A NASA (11) _____ said the crew on the ISS are safe after the repair. He said: "The crew are healthy and safe with weeks of air (12) _____ in the International Space Station reserves."

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

1.	(a)	shell	(b)	spell	(c)	smell	(d)	swell
2.	(a)	on	(b)	of	(c)	in	(d)	as
3.	(a)	retorted	(b)	resorted	(c)	averted	(d)	alerted
4.	(a)	looked	(b)	looking	(c)	looks	(d)	look
5.	(a)	way-ward	(b)	waylay	(c)	ways	(d)	way
6.	(a)	majority	(b)	majorly	(c)	major	(d)	majored
7.	(a)	ducked	(b)	docked	(c)	decked	(d)	duct
8.	(a)	colliding	(b)	collision	(c)	collusion	(d)	colluding
9.	(a)	controllers	(b)	controls	(c)	controlling	(d)	control
10.	(a)	resist	(b)	resisting	(c)	resistant	(d)	resistance
11.	(a)	officialdom	(b)	officially	(c)	officials	(d)	official
12.	(a)	right	(b)	left	(c)	oxygen	(d)	breath

SPELLING

From https://breakingnewsenglish.com/1809/180904-iss.html

Paragraph 1

- 1. The ISS is a large latestlie
- 2. do icstnfeiic experiments
- 3. NASA taderle astronauts
- 4. Mr Gerst <u>etlnlayveu</u> found it
- 5. a simple and <u>ctvfiefee</u> way
- 6. it was not a major <u>mnregeyce</u>

Paragraph 2

- 7. a ecddko Russian Soyuz
- 8. space junk or a small <u>mteioteer</u>
- 9. <u>cidnlolig</u> with the spacecraft
- 10. used a heat-<u>antitress</u> "space tape"
- 11. part of a "necessary space irepra kit"
- 12. International Space Station vrsersee

PUT THE TEXT BACK TOGETHER

From https://breakingnewsenglish.com/1809/180904-iss.html

Number these lines in the correct order.

- () to plug the hole. These are part of a "necessary space repair kit". A NASA official said the crew on the ISS are safe
- () leaking air. Astronaut Alexander Gerst and five other astronauts started looking
- () for the leak. Mr Gerst eventually found it and quickly used a simple and effective way
- () controllers in the USA and Russia worked together with the crew to fix the hole. The Soyuz
- () of stopping the leak he put his finger over the hole. Luckily, the hole was only
- (**1**) Astronauts and cosmonauts on the International Space Station (ISS) have fixed a hole in the shell of its outer
- () commander, Sergey Prokopyev, used a heat-resistant "space tape" and a special glue
- () at speeds of around 28,000 kph. Even a tiny object hitting it can cause a lot of damage. Flight
- () of it was put into space in 1998. Last week, NASA alerted astronauts on the ISS that the station was slowly
- () two millimeters wide so it was not a major emergency, but it did need fixing.
- () wall. The ISS is a large satellite in space that scientists live in to do scientific experiments. The first part
- () The hole was in a docked Russian Soyuz MS-09 spacecraft. NASA said it could have been caused
- () by a small piece of space junk or a small meteorite colliding with the spacecraft. The ISS travels
- () after the repair. He said: "The crew are healthy and safe with weeks of air left in the International Space Station reserves."

PUT THE WORDS IN THE RIGHT ORDER

From https://breakingnewsenglish.com/1809/180904-iss.html

1. do to scientific live Scientists in experiments .

2. other leak . for started looking the Five astronauts

3. stopping way simple, leak . of effective A the

4. his hole . finger He over put the

5. wide . hole Luckily, millimeters was two only the

6. a space junk . piece small of by Caused

7. small meteorite colliding spacecraft . A with the

8. speeds travels ISS kph . around at 28,000 of

9. space repair kit . Part necessary of a

10. are safe . crew ISS The on the

CIRCLE THE CORRECT WORD (20 PAIRS)

From https://breakingnewsenglish.com/1809/180904-iss.html

Astronauts and cosmonauts on the International Space Station (ISS) have *fixed / fixing* a hole in the shell of its *other / outer* wall. The ISS is a large satellite in space that scientists live in to do scientific *experiences / experiments*. The first part of it was put *onto / into* space in 1998. Last week, NASA *alerted / averted* astronauts on the ISS that the station was slowly leaking air. Astronaut Alexander Gerst and five *another / other* astronauts started *looked / looking* for the leak. Mr Gerst eventually found it and quickly used a *simply / simple* and effective way of stopping the leak - he put his finger *over / above* the hole. Luckily, the hole was only two millimeters wide so it was not a major emergency, but it did need *fixed / fixing*.

The hole was in a *decked / docked* Russian Soyuz MS-09 spacecraft. NASA said it could have been *caused / causes* by a small piece of space junk or a small meteorite *colliding / collides* with the spacecraft. The ISS travels *up / at* speeds of around 28,000 kph. Even a tiny *subject / object* hitting it can cause a lot of damage. Flight controllers in the USA and Russia worked together *within / with* the crew to fix the hole. The Soyuz commander, Sergey Prokopyev, used a heat-*resistant / resistance* "space tape" and a special glue *to / for* plug the hole. These are part of a "necessary space repair kit". A NASA *officially / official* said the crew on the ISS are safe after the repair. He said: "The crew are healthy and safe with weeks *of / off* air left in the International Space Station reserves."

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

20

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

From https://breakingnewsenglish.com/1809/180904-iss.html

Astr_n_ts _nd c_sm_n_ts _n th_ Int_rn_t__ n_l Sp_c_ St_t__ n (ISS) h_v_ f_x_d _ h_l_ _n th_sh_ll_f_ts__t_rw_ll. Th_ ISS_s_l_r g_ s_t_ll_t__n sp_c_ th_t sc__ nt_sts l_v__n t_d_sc__nt_f_c_xp_r_m_nts. Th_f_rst p_rt _f _t w_s p_t _nt_ sp_c_ _n 1998. L_st w__ k , NASA_l_rt_d _str_n__ts _n th_ ISS th_t th_st_t__n w_s sl_wly l__k_ng __r. Ast r_n__t Al_x_nd_r G_rst _nd f_v__th_r _str_n__ ts st_rt_d l__ k_ng f_r th_ l__ k. Mr G_rst _v_nt__lly f__nd _t _nd q__ckly _s_d _ s_mp l__nd_ff_ct_v_w_y_f st_pp_ng th_l_k h_p_t h_s f_ng_r _v_r th_ h_l_. L_ck_ly, th_ h_l_ w_s _n ly tw_ m_l l_m_t_r s w_d_ s__t w_s n_t _ m_j_r _m_rg_ncy, b_t _t d_d n__ d f_x_n g.

Th hlws n dckd Rss_n Syz MS-0 9 sp_c_cr_ft. NASA s__d_t c__ld h_v_b__ n c__ s_d by _ sm_ll p__ c_ _f sp_c_ j_nk _r _ sm_ll m_t__r_t_c_ll_d_ng w_th th_ sp_c_cr_ft . Th_ ISS tr_v_ls _t sp__ ds _f _r__ nd 28, 000 kph. Ev_n _ t_ny _bj_ct h_tt_ng _t c_n c__s__l_t_f_d_m_g_. Fl_ght_c_ntr_ll_rs_n_t h_ USA_nd R_ss__ w_rk_d t_g_th_r w_th th_ cr_w t_ f_x th_ h_l_. Th_ S_y_z c_m m_n d_r, S_rg_y Pr_k_py_v, _s_d _ h__t - r_s_st_nt "s $p_c_t p_" nd sp_c_l gl_t pl_g th_h_l$. Th_s__r_p_rt _f _ "n_c_s s_ry sp_c_ r_p__r k_t ". A NASA _ff_c__l s__d th_ cr_w _n th_ I SS_r_s_f_ft_r th_r_p_r. H_s_d: "Th_c r_w _r_ h__ Ithy _nd s_f_ w_th w__ ks _f __ r l_ft _n th_ Int_rn_t__ n_l Sp_c_ St_t__ n r_s_r v_s."

PUNCTUATE THE TEXT AND ADD CAPITALS

From https://breakingnewsenglish.com/1809/180904-iss.html

astronauts and cosmonauts on the international space station iss have fixed a hole in the shell of its outer wall the iss is a large satellite in space that scientists live in to do scientific experiments the first part of it was put into space in 1998 last week nasa alerted astronauts on the iss that the station was slowly leaking air astronaut alexander gerst and five other astronauts started looking for the leak mr gerst eventually found it and quickly used a simple and effective way of stopping the leak he put his finger over the hole luckily the hole was only two millimeters wide so it was not a major emergency but it did need fixing

the hole was in a docked russian soyuz ms09 spacecraft nasa said it could have been caused by a small piece of space junk or a small meteorite colliding with the spacecraft the iss travels at speeds of around 28000 kph even a tiny object hitting it can cause a lot of damage flight controllers in the usa and russia worked together with the crew to fix the hole the soyuz commander sergey prokopyev used a heatresistant space tape and a special glue to plug the hole these are part of a necessary space repair kit a nasa official said the crew on the iss are safe after the repair he said the crew are healthy and safe with weeks of air left in the international space station reserves"

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PUT A SLASH (/) WHERE THE SPACES ARE

From https://breakingnewsenglish.com/1809/180904-iss.html

AstronautsandcosmonautsontheInternationalSpaceStation(ISS)ha vefixedaholeintheshellofitsouterwall.TheISSisalargesatelliteinspac ethatscientistsliveintodoscientificexperiments. The first part of it was part of utintospacein1998.Lastweek,NASAalertedastronautsontheISSthatt hestationwasslowlyleakingair.AstronautAlexanderGerstandfiveoth erastronautsstartedlookingfortheleak.MrGersteventuallyfounditan dquicklyusedasimpleandeffectivewayofstoppingtheleak-heputhisf ingeroverthehole.Luckily,theholewasonlytwomillimeterswidesoitwa snotamajoremergency, but it did need fixing. The holewas in a docked Ru ssianSoyuzMS-09spacecraft.NASAsaiditcouldhavebeencausedbyas mallpieceofspacejunkorasmallmeteoritecollidingwiththespacecraft. TheISStravelsatspeedsofaround28,000kph.Evenatinyobjecthittingi tcancausealotofdamage.FlightcontrollersintheUSAandRussiaworke dtogetherwiththecrewtofixthehole.TheSoyuzcommander,SergeyPr okopyev, usedaheat-resistant" spacetape" and aspecial gluetoplugt hehole.Thesearepartofa"necessaryspacerepairkit".ANASAofficialsai dthecrewontheISSaresafeaftertherepair.Hesaid:"Thecrewarehealt hyandsafewithweeksofairleftintheInternationalSpaceStationreserv es."

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FREE WRITING

From https://breakingnewsenglish.com/1809/180904-iss.html

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

ACADEMIC WRITING

From https://breakingnewsenglish.com/1809/180904-iss.html

In the future, there should be cities in space. Discuss.

HOMEWORK

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

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

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

4. INTERNATIONAL SPACE STATION: Write a magazine article about the International Space Station. Include imaginary interviews with people who are for and against it.

Read what you wrote to your classmates in the next lesson. Write down any new words and expressions you hear from your partner(s).

5. WHAT HAPPENED NEXT? Write a newspaper article about the next stage in this news story. Read what you wrote to your classmates in the next lesson. Give each other feedback on your articles.

6. LETTER: Write a letter to an expert on the ISS. 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.	е	2.	а	3.	d	4.	С	5.	b	6.	g	7.	f
8.	i	9.	n	10.	Ι	11.	m	12.	j	13.	h	14.	k

TRUE / FALSE (p.5)

а	Т	b	Т	С	Т	d	F	е	F	f	Т	g	F	h	F
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

SYNONYM MATCH (p.5)

- 2. experiments
- 3. alerted
- 4. eventually
- 5. need
- 6. caused
- 7. colliding
- 8. tiny
- 9. safe
- 10. reserves

COMPREHENSION QUESTIONS (p.9)

- 1. The outer wall
- 2. 1998
- 3. Six
- 4. His finger
- 5. 2mm
- 6. A small piece of space junk
- 7. About 28,000 kph
- 8. Space tape
- 9. They were safe
- 10. Weeks of air

- WORDS IN THE RIGHT ORDER (p.20)
- Scientists live in to do scientific experiments.
- 2. Five other astronauts started looking for the leak.

repaired

warned

finally

require

created

crashing into

very small

all right

supplies

tests

a.

b.

c.

d.

e.

f.

g.

h.

i.

i.

- 3. A simple, effective way of stopping the leak.
- 4. He put his finger over the hole.
- 5. Luckily, the hole was only two millimeters wide.
- 6. Caused by a small piece of space junk.
- 7. A small meteorite colliding with the spacecraft.
- 8. ISS travels at speeds of around 28,000 kph.
- 9. Part of a necessary space repair kit.
- 10. The crew on the ISS are safe.

MULTIPLE CHOICE - QUIZ (p.10)

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

1.

ALL OTHER EXERCISES

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