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Level 3 – 16th October, 2019

Slow walking speed at 45 linked to faster ageing

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https://breakingnewsenglish.com/1910/191016-walking-speed.html

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

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THE ARTICLE

From https://breakingnewsenglish.com/1910/191016-walking-speed.html

New research shows that people who walk more slowly at the age of 45 may be more likely to age faster. Scientists said that slower walkers who are in their forties and fifties could get older more quickly than faster walkers. This ageing could be both physically and mentally. The scientists said walking speed could help doctors understand more about the agerelated health problems that people have. Doctors already knew that older people who walked slowly were more likely to have health problems. They wanted to find out if this was the same for younger people. Researcher Terrie Moffitt said: "Doctors know that slow walkers in their 70s and 80s tend to die sooner than fast walkers their same age."

The researchers conducted a study and looked at test data of 904 people. The people in the tests had medical records of health checks from throughout their lives. For some participants, these records went back to when they were three years old. The researchers used data on the intelligence of the participants. They looked at how quickly people could calculate things and how good their memory was. They also did tests on the participants at different walking speeds. The scientists asked the participants to say the alphabet while walking at a normal speed and fast speed. They scanned the participants' brains and found that people who walked more slowly showed less brain activity while saying the alphabet.

Sources: https://www.**medicalnewstoday.com**/articles/326648.php

https://medicalxpress.com/news/2019-10-slower-walkers-older-brains-bodies.html

https://news.sky.com/story/how-fast-do-you-walk-new-warning-about-being-a-slow-walker-

11833595

WARM-UPS

- **1. WALKING SPEED:** Students walk around the class and talk to other students about walking speed. 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?

research / age / walkers / fifties / physically / mentally / health / problems / age / test / data / medical / participants / intelligence / memory / normal speed / alphabet

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

- **3. EXERCISE:** Students A **strongly** believe walking is the best exercise; Students B **strongly** believe it isn't. Change partners again and talk about your conversations.
- **4. AGE:** What are the best exercises for people to do at these ages? Why? Complete this table with your partner(s). Change partners often and share what you wrote.

People in their	The Best Exercise	Why?
teens		
20s		
40s		
60s		
80s		
early 100s		

- **5. RESEARCH:** Spend one minute writing down all of the different words you associate with the word "research". Share your words with your partner(s) and talk about them. Together, put the words into different categories.
- **6. HEALTH PROBLEMS:** Rank these with your partner. Put the best worst health problems for older people at the top. Change partners often and share your rankings.
 - hearing loss
 - bad back
 - joint pains
 - memory loss

- heart problems
- wrinkles
- high blood pressure
- incontinence

VOCABULARY MATCHING

Paragraph 1

- 1. likely a. How fast something or someone moves.
- 2. ageing b. About the body.
- 3. physically c. The process of growing old.
- 4. mentally d. Happening earlier or before something else.
- 5. speed e. Might happen or be true; probable.
- 6. tend f. About the brain and the mind.
- 7. sooner g. Usually behave in a particular way.

Paragraph 2

- 8. data h. A person who takes part in something.
- 9. medical i. Find the number of something using maths.
- 10. throughout j. The part of the brain that remembers things and stores information.
- 11. participants k. About medicine and body health, or the treatment of illness and injuries.
- 12. memory I. A set of letters from A to Z.
- 13. calculate m. Information, facts and statistics.
- 14. alphabet n. From the beginning to the end of an event or period of time.

BEFORE READING / LISTENING

From https://breakingnewsenglish.com/1910/191016-walking-speed.html

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

- a. The article said all 45-year-olds should walk faster. **T / F**
- b. The article said 50-year-olds walk faster than 40-year-olds. **T / F**
- c. The article said walking speed helps doctors understand health problems. T / F
- d. The article said slow 70-year-olds die sooner than fast 80-year-olds. T / F
- e. Researchers looked at data on 904 people. T / F
- f. Some participants in the study had health records from the age of three. T / F
- g. Researchers checked how well people could remember how to walk. T / F
- h. People in the study had to say the alphabet backwards. **T/F**

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

- 1. likely
- 2. faster
- 3. understand
- 4. problems
- 5. sooner
- 6. conducted
- 7. throughout
- 8. intelligence
- 9. speed
- 10. found

- a. carried out
- b. earlier
- c. discovered
- d. quicker
- e. brain power
- f. difficulties
- g. probable
- h. pace
- i. know
- i. for the whole of

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

- 1. people who walk more
- 2. This ageing could be both physically
- 3. more likely to
- 4. find out if this was
- 5. tend
- 6. looked at test data
- 7. medical
- 8. the intelligence of
- 9. while walking at
- 10. while saying

- a. the alphabet
- b. the same
- c. of 904 people
- d. and mentally
- e. the participants
- f. have health problems
- g. a normal speed
- h. records
- i. to die sooner
- i. slowly

GAP FILL

From https://breakingnewsenglish.com/1910/191016-walking-speed.html

New research shows that people who walk more slowly at the	knew
(1) of 45 may be more likely to age faster.	forties
Scientists said that slower walkers who are in their	tend
(2) and fifties could get older more quickly than	scientists
faster walkers. This ageing could be (3) physically	SCIEIILISIS
and mentally. The (4) said walking speed could	age
help doctors (5) more about the age-related health	same
problems that people have. Doctors already (6)	both
that older people who walked slowly were more likely to have	understand
health problems. They wanted to find out if this was the	anacistana
(7) for younger people. Researcher Terrie Moffitt	
said: "Doctors know that slow walkers in their 70s and 80s	
(8) to die sooner than fast walkers their same age."	
The researchers conducted a study and looked at	quickly
(9) data of 904 people. The people in the tests had	checks
medical records of health (10) from throughout	
their lives. For some (11), these records went back	alphabet
to when they were three years old. The researchers used data on	saying
the intelligence of the participants. They looked at how	test
(12) people could calculate things and how good	different
their memory was. They also did tests on the participants at	brains
(13) walking speeds. The scientists asked the	nauticinante
participants to say the (14) while walking at a	participants
normal speed and fast speed. They scanned the participants'	
(15) and found that people who walked more slowly	

LISTENING — Guess the answers. Listen to check.

From https://breakingnewsenglish.com/1910/191016-walking-speed.html

1)	This ageing could be both physically a. and mental
	b. end mentally
	c. end mental ,
	d. and mentally
2)	walking speed could help doctors understand more about the age problems
	a. reacted health
	b. related health c. real late health
	d. relates health
3)	people who walked slowly were more likely to have
ĺ	a. healthy problems
	b. wealth problems
	c. wealthy problems
41	d. health problems They wanted to find out if this was the same for
4)	They wanted to find out if this was the same for a. younger people
	b. young people
	c. yearning people
	d. young are people
5)	Doctors know that slow walkers in their 70s and 80s sooner
	a. fend to die b. tend to die
	c. send to die
	d. mend to die
6)	The researchers conducted a study and looked at test people
	a. data off 904
	b. data oft 904
	c. data aft 904 d. data of 904
71	people in the tests had medical records of health checks from lives
,,	a. thorough out their
	b. threw out their
	c. throughout their
٥.	d. thrown out their
8)	The researchers used data on the intelligence
	a. oaf the participantsb. off the participants
	c. of the participants
	d. if the participants
9)	They also did tests on the participants at different
	a. walk in speeds
	b. walk in speed
	c. walking speedosd. walking speeds
10) found that people who walked more slowly showed less
	a. brainy activity
	b. brain activity
	c. brains activity
	d. brainless activity

LISTENING – Listen and fill in the gaps

	people (1)	slowly	at the
age of 45 may be (2)		age faster. Scientists sa	aid that
slower walkers who	are in their forties	and fifties could get olde	r more
quickly than faster	walkers. This ag	eing (3)	
physically and mentall	y. The scientists said	d walking speed could help	doctors
understand more (4)		health problems that	people
have. Doctors already	knew that older peo	pple who walked slowly wer	e more
likely to have health	problems. They war	nted (5)	if
this was the same	for younger people.	. Researcher Terrie Moffit	t said:
"Doctors know th	nat slow walkers	s in their 70s and	80s
(6)	sooner than fas	t walkers their same age."	
The researchers condu	ucted a study and loo	oked (7)	of
904 people. The peop	ole in the tests had	medical records of health	checks
		medical records of health	
from (8)	For some		ls went
from (8)back to when they we	For some	e participants, these record	ls went on the
from (8) back to when they we intelligence (9)	For some ere three years old TI	e participants, these record	ls went on the people
from (8) back to when they we intelligence (9) could calculate things	For some ere three years old The and how good (10) _	e participants, these record The researchers used data ney looked at how quickly	ls went on the people ey also
from (8)back to when they we intelligence (9)could calculate things did tests on the partic	For some ere three years old Tl and how good (10) _ ipants at different wa	e participants, these record The researchers used data ney looked at how quickly Th	Is went on the people ey also
from (8) back to when they we intelligence (9) could calculate things did tests on the partic the participants	For some ere three years old TI and how good (10) _ ipants at different was to say the	e participants, these record The researchers used data ney looked at how quickly Th alking speeds. The scientists	ls went on the people ey also s asked g at
from (8) back to when they we intelligence (9) could calculate things did tests on the partic the participants	For some ere three years old The and how good (10) _ ipants at different was to say the and fast spee	The researchers used data ney looked at how quickly The liking speeds. The scientists alphabet while walking d. They scanned the particle.	Is went on the people ey also s asked g at cipants'

COMPREHENSION QUESTIONS

1.	What shows that slow-walking 45-year-olds could die earlier?
2.	In what two ways could the ageing show itself?
3.	Who does walking speed help to understand?
4.	Who is Terrie Moffitt?
5.	What two age groups were mentioned by Terrie Moffitt?
6.	How many people did researchers look at the data of?
7.	From what age did some participants have medical records?
8.	What did researchers look at what people could do?
9.	What speeds did people have to walk at in the researchers' tests?
10.	What did people have to say while they were walking?

MULTIPLE CHOICE - QUIZ

- 1) What shows that slow-walking 45-year-olds could die earlier?
- a) a television
- b) new research
- c) the Internet
- d) statistics
- 2) In what two ways could the ageing show itself?
- a) young and old
- b) now and then
- c) mentally and physically
- d) before and after
- 3) Who does walking speed help to understand?
- a) researchers
- b) old people
- c) young people
- d) doctors
- 4) Who is Terrie Moffitt?
- a) an old person
- b) a researcher
- c) a doctor
- d) a young person
- 5) What two age groups were mentioned by Terrie Moffitt?
- a) 70s and 80s
- b) 60s and 70s
- c) 50s and 60s
- d) 80s and 90s

- 6) How many people did researchers look at the data of?
- a) 904
- b) 903
- c) 902
- d) 901
- 7) From what age did some participants have medical records?
- a) 6
- b) 5
- c) 4
- d) 3
- 8) What did researchers look at what people could do?
- a) spell
- b) draw
- c) calculate
- d) learn a language
- 9) What speeds did people have to walk at in the researchers' tests?
- a) slow and medium
- b) slow and fast
- c) medium and fast
- d) normal and fast
- 10) What did people have to say while they were walking?
- a) the 12-times table
- b) the alphabet
- c) a poem
- d) names of their family

ROLE PLAY

From https://breakingnewsenglish.com/1910/191016-walking-speed.html

Role A – Hearing Loss

You think hearing loss is the worst health problem for older people. Tell the others three reasons why. Tell them why their problems aren't as bad. Also, tell the others which is the least worrying of these (and why): joint pain, high blood pressure or incontinence.

Role B - Joint Pain

You think joint pain is the worst health problem for older people. Tell the others three reasons why. Tell them why their problems aren't as bad. Also, tell the others which is the least worrying of these (and why): hearing loss, high blood pressure or incontinence.

Role C - High Blood Pressure

You think high blood pressure is the worst health problem for older people. Tell the others three reasons why. Tell them why their problems aren't as bad. Also, tell the others which is the least worrying of these (and why): joint pain, hearing loss or incontinence.

Role D - Incontinence

You think incontinence is the worst health problem for older people. Tell the others three reasons why. Tell them why their problems aren't as bad. Also, tell the others which is the least worrying of these (and why): joint pain, high blood pressure or hearing loss.

AFTER READING / LISTENING

From https://breakingnewsenglish.com/1910/191016-walking-speed.html

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

age	speed

- 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:

• shows	• study
• fifties	 throughout
• help	• three
• knew	calculate
• find	normal
• sooner	• less

WALKING SPEED SURVEY

From https://breakingnewsenglish.com/1910/191016-walking-speed.html

Write five GOOD questions about walking speed 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.

WALKING SPEED 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 'age'?
- 3. How would you describe your walking?
- 4. Why might slower walking be a sign of ageing?
- 5. Will you walk faster from now on?
- 6. How much walking do you do every day?
- 7. What are the benefits of walking?
- 8. Should we walk more to help the planet?
- 9. Are car drivers who walk less more likely to age faster?
- 10. How is walking good for your brain?

Slow walking speed at 45 linked to faster ageing – 16th October, 2019
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WALKING SPEED 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 'walking'?
- 13. What do you think about what you read?
- 14. What do you think of walking?
- 15. What could you do to walk more in daily life?
- 16. How quickly can you calculate things?
- 17. How good is your memory?
- 18. What three adjectives best describe this story?
- 19. What would scans of your brain show?
- 20. What questions would you like to ask the researchers?

DISCUSSION (Write your own questions)

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

IS	SCUSSION (V	Vrite y	our ov	n que	stions	
IS	SCUSSION (V	Vrite y	our ov	n que	stions	
IS	SCUSSION (V	Vrite y	OUT OW	n que	stions	
IS	SCUSSION (V DENT B's QUESTIONS	Vrite y	OUT OW	n que	stions	
IS	SCUSSION (V DENT B's QUESTIONS	Vrite y	OUT OW	n que	stions	
IS	SCUSSION (V DENT B's QUESTIONS	Vrite y	OUT OW	n que	stions	
IS	SCUSSION (V DENT B's QUESTIONS	Vrite y	OUT OW	n que	stions	
IS	SCUSSION (V DENT B's QUESTIONS	Vrite y	OUT OW	n que	stions	
IS	SCUSSION (V DENT B's QUESTIONS	Vrite y	OUT OW	n que	stions	

LANGUAGE - CLOZE

From https://breakingnewsenglish.com/1910/191016-walking-speed.html

mor forti	e likel es an	shows that y to age faster d fifties could both physically	r. Scier get ol	ntists said tha der more (3)	at slow	er walkers w than faster v	ho are walkers	(2) their
doct	ors ur	nderstand more lready knew th	e about	t the age-(4)		nealth proble	ms tha	t people have
		oblems. They				-		-
peop	ole. Re	esearcher Terri	ie Moffi	itt said: "Doo	tors kn	ow that slow	walke	rs in their 70s
and	80s te	end to die (6) _	tha	an fast walke	ers thei	r same age."		
The	resea	rchers (7)	a stud	dy and looke	d at tes	st data of 90	4 peop	le. The people
		ts had medical		-				
part	icipan	ts, these reco	rds we	ent back to	when	they were t	hree y	ears old. The
		rs used (9)		_		•		•
	-	dy people coul		_		_		_
		ests on the pa ipants to say t	-					
	-	ney scanned th	•			_		•
-		/ly (12) les	-	-			-	
Put	the c	orrect words	from	the table be	low in	the above a	article	
1.	(a)	researches	(b)	researched		researcher	(d)	research
2.	(a)	as	(b)	at	(c)	on	(d)	in
3.	(a)	quicken	(b)	quickly	(c)	quickest	(d)	quick
4.	(a)	relation	(b)	relates	(c)	related	(d)	relationship
5.	(a)	out	(b)	up	(c)	in	(d)	of
6.	(a)	sooner	(b)	early	(c)	fastest	(d)	hurrying
7.	(a)	narrated	(b)	turned	(c)	messaged	(d)	conducted
8.	(a)	throughout	(b)	thoroughly	(c)	thought	(d)	though
9.	(a)	dates	(b)	data	(c)	dating	(d)	dateline
10.	(a)	memorial	(b)	remember	(c)	memory	(d)	memorize
11.	(a)	what	(b)	whether	(c)	while	(d)	why
12.	(a)	seen	(b)	showed	(c)	viewed	(d)	looked

SPELLING

From https://breakingnewsenglish.com/1910/191016-walking-speed.html

Paragraph 1

- 1. new aescrrhe shows that
- 2. more <u>keliyl</u> to age faster
- 3. walkers who are in their stifoer
- 4. both ypahycisll and mentally
- 5. the age-teealdr health problems
- 6. tend to die ernoos

Paragraph 2

- 7. <u>dudecocnt</u> a study
- 8. laedmci records
- 9. rtuoghhuot their lives
- 10. data on the geeinitncell
- 11. how good their <u>ymeomr</u> was
- 12. while saying the hbplteaa

PUT THE TEXT BACK TOGETHER

From https://breakingnewsenglish.com/1910/191016-walking-speed.html

Number these lines in the correct order.

()	walking at a normal speed and fast speed. They scanned the participants' brains and
()	faster. Scientists said that slower walkers who are in their forties and fifties could get older more quickly than faster
()	to find out if this was the same for younger people. Researcher Terrie Moffitt said: "Doctors know that slow walkers
()	in their 70s and 80s tend to die sooner than fast walkers their same age."
()	found that people who walked more slowly showed less brain activity while saying the alphabet.
()	doctors understand more about the age-related health problems that people have. Doctors already knew
()	that older people who walked slowly were more likely to have health problems. They wanted
()	walkers. This ageing could be both physically and mentally. The scientists said walking speed could help
()	at how quickly people could calculate things and how good their memory was. They also did tests on the participants
(1)	New research shows that people who walk more slowly at the age of 45 may be more likely to age
()	back to when they were three years old. The researchers used data on the intelligence of the participants. They looked
()	at different walking speeds. The scientists asked the participants to say the alphabet while
()	records of health checks from throughout their lives. For some participants, these records went
()	The researchers conducted a study and looked at test data of 904 people. The people in the tests had medical

PUT THE WORDS IN THE RIGHT ORDER

- 1. in walkers Slower are their forties . who
- 2. more . help speed doctors understand could Walking
- 3. were likely to . who slowly more People walked
- 4. the if this was out Find same .
- 5. sooner same than walkers age . their fast Die
- 6. people records . medical tests The in the had
- 7. could quickly looked how at They people calculate .
- 8. walking different speeds . the at Tests participants on
- 9. the at speed . Say walking while normal alphabet
- 10. brain alphabet . Showed less the activity saying while

CIRCLE THE CORRECT WORD (20 PAIRS)

From https://breakingnewsenglish.com/1910/191016-walking-speed.html

New research shows that people who walk more <code>slow / slowly</code> at the age of 45 may be more likely to <code>age / ageing</code> faster. Scientists said that slower walkers who are in <code>them / their</code> forties and fifties could get older <code>most / more</code> quickly than faster walkers. This ageing could be <code>both / same</code> physically and <code>mentally / mental</code>. The scientists said walking speed could help doctors understand more about the age-related health problems that people <code>do / have</code>. Doctors already knew that older people who walked slowly were more <code>likely / liked</code> to have health problems. They wanted to find out if this was the <code>similar / same</code> for younger people. Researcher Terrie Moffitt said: "Doctors know that slow walkers in their 70s and 80s tend to die sooner <code>that / than</code> fast walkers their same age."

The researchers conduct / conducted a study and looked at test data off / of 904 people. The people in the tests had medical / medically records of health checks from thorough / throughout their lives. For some participants, these records went back to when they were three years age / old. The researchers used data on the intelligence of the participants. They looked at what / how quickly people could calculate things and how good their memory be / was. They also did tests on the participants at different walking speeds. The scientists asked the participants to say / talk the alphabet while walking at a normal speed and fast speed. They scanned / scorned the participants' brains and found that people who walked more slowly showed less brain activity while saying / speaking the alphabet.

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 https://breakingnewsenglish.com/1910/191016-walking-speed.html

 $N_w r_s_rch sh_ws th_t p_p pl_wh_w_lk$ $m_r = s_w + y_t + b_g = f_t + b_s + b_s$ y $t_g = f_s t_r$. $S c_n t_s t_s s_d t_h t_s t_w r$ w_l k_rs w h_ _r_ _n t h__ r f_r t__ s _n d f_f t__ s c__ld g_t _ld_r m_r_ q__ ckly th_n f_st_r w_l k_rs . Th_s _g__ ng c__ ld b_ b_th phys_c_lly _nd m_nt_lly. Th_ sc__ nt_sts s__ d w_lk_ng sp__d c__ld h_lp d_ct_rs _nd_rst_nd m_r_ p__ p l_ h_v_. D_c t_r s _l r__ d y k n_w t h_t _l d_r p__ p l_ w h_ w_l k_d s l_w l y w_r_ m_r_ l_k_l y t_ $h_v_ \ h__ \ l \ t \ h \ p \ r_b \ l_m \ s \ . \quad T \ h_y \quad w_n \ t_d \quad t_ \ f_n \ d$ __ t _f th_s w_s th_ s_m_ f_r y__ n g_r p__ p l_. R_s__ r c h_r T_rr__ M_f f_t t s__ d : " D_c t_rs k $n_w \quad t \; h_t \quad s \; l_w \quad w_l \; k_r \; s \; _n \quad t \; h__ \; r \quad 7 \; 0 \; s \; _n \; d \quad 8 \; 0$ s $t_n d t_s = s_n r t h_n f_s t w_l k_r s t h_s$ r s_m_ _g_. "

 $_{t}$ t_{st} d_{t} $_{f}$ 904 p_{-} p_{l} . $Th_{p_{-}}$ p_{l} $_{n}$ t h_t_sts h_d $m_d_c_l$ r_c_rds $_f$ $h__lth$ ch_ck s fr_m thr__ gh__ t th__ r l_v_s. F_r s_m_ $\label{eq:condition} p_r\ t_c_p_n\ t\ s\ , \quad t\ h_s_\quad r_c_r\ d\ s \quad w_n\ t \quad b_c\ k \quad t_\quad w$ h_n th_y w_r_ thr__ y__ rs _ld. Th_ r_s__ rc $h_rs_s_d d_t_n t_h_n t_ll_g_n c_f t_h_p_r$ $t_c_p_n ts.$ $Th_y l_k_d t h_w q_c kly p_p$ r m_m_ry w_s. Th_y _ls_ d_d t_sts _n th_ p_rt_c_p_nts_t d_ff_r_nt w_lk_ng sp__ds. T h_ s c__ n t_s t s _s k_d t h_ p_r t_c_p_n t s t_ s_y th__lph_b_t wh_l_ w_lk_ng _t _ n_rm_l sp__ d _nd f_st sp__d. Th_y sc_nn_d th_ p_rt_c_p_n $ts'br_ns_ndf_ndth_tp_pl_wh_w_l$ $k_d \quad m_r_ \quad s \mid_w \mid y \quad s \mid h_w_d \quad l_s \mid s \quad b \mid r__ \quad n \quad _c \mid t_v_t \mid y$ $w h_l s_y n g t h_l p h_b t$.

PUNCTUATE THE TEXT AND ADD CAPITALS

From https://breakingnewsenglish.com/1910/191016-walking-speed.html

new research shows that people who walk more slowly at the age of 45 may

be more likely to age faster scientists said that slower walkers who are in

their forties and fifties could get older more guickly than faster walkers this

ageing could be both physically and mentally the scientists said walking

speed could help doctors understand more about the agerelated health

problems that people have doctors already knew that older people who

walked slowly were more likely to have health problems they wanted to find

out if this was the same for younger people researcher terrie moffitt said

doctors know that slow walkers in their 70s and 80s tend to die sooner than

fast walkers their same age

the researchers conducted a study and looked at test data of 904 people the

people in the tests had medical records of health checks from throughout

their lives for some participants these records went back to when they were

three years old the researchers used data on the intelligence of the

participants they looked at how quickly people could calculate things and

how good their memory was they also did tests on the participants at

different walking speeds the scientists asked the participants to say the

alphabet while walking at a normal speed and fast speed they scanned the

participants brains and found that people who walked more slowly showed

less brain activity while saying the alphabet

PUT A SLASH (/) WHERE THE SPACES ARE

From https://breakingnewsenglish.com/1910/191016-walking-speed.html

Newresearchshowsthatpeoplewhowalkmoreslowlyattheageof45ma ybemorelikelytoagefaster. Scientists said that slower walkers who are i ntheirfortiesandfiftiescouldgetoldermorequicklythanfasterwalkers. Thisageing could be both physically and mentally. The scientists saidwal kingspeedcouldhelpdoctorsunderstandmoreabouttheage-relatedh ealthproblemsthatpeoplehave.Doctorsalreadyknewthatolderpeople whowalkedslowlyweremorelikelytohavehealthproblems. Theywante dtofindoutifthiswasthesameforyoungerpeople.ResearcherTerrieMof fittsaid: "Doctorsknowthatslowwalkersintheir70sand80stendtodies oonerthanfastwalkerstheirsameage."Theresearchersconductedast udyandlookedattestdataof904people.Thepeopleinthetestshadmedi calrecordsofhealthchecksfromthroughouttheirlives.Forsomepartici pants, these records went back to when they were three years old. Theres earchersuseddataontheintelligenceoftheparticipants. Theylookedat howquicklypeoplecouldcalculatethingsandhowgoodtheirmemorywa s. They also did tests on the participants at different walking speeds. Thes cientistsaskedtheparticipantstosaythealphabetwhilewalkingatanor malspeedandfastspeed. They scanned the participants 'brains and foun dthatpeoplewhowalkedmoreslowlyshowedlessbrainactivitywhilesa yingthealphabet.

FREE WRITING

From https://breakingnewsenglish.com/1910/191016-walking-speed.html

Write about walking speed for 10 minutes. Comment on your partner's paper.								

ACADEMIC WRITING

From https://breakingnewsenglish.com/1910/191016-walking-speed.html

Walking speed has no effect on how fast we age. 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. WALKING SPEED:** Make a poster about walking speed. Show your work to your classmates in the next lesson. Did you all have similar things?
- **4. AGEING:** Write a magazine article about everyone having to do something every day to slow down ageing. 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 walking speed. Ask him/her three questions about it. Give him/her three of your opinions on walking. 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. С 3. h 4. f 5. а 6. q 7. d 8. 9. 14. m k 10. n 11. h 12. i 13. i 1

TRUE / FALSE (p.5)

b F Т С d Т Т f F Т q F

SYNONYM MATCH (p.5)

1. likely probable a. 2. faster b. quicker 3. understand c. know 4. problems d. difficulties 5. sooner e. earlier 6. conducted f. carried out 7. throughout for the whole of g. 8. intelligence brain power h. 9. speed i. pace found

COMPREHENSION QUESTIONS (p.9)

10.

WORDS IN THE RIGHT ORDER (p.20)

į.

discovered

1. New research 1. Slower walkers who are in their forties. 2. 2. Walking speed could help doctors understand Mentally and physically 3. **Doctors** 3. People who walked slowly were more likely to. 4. A researcher 4. Find out if this was the same. 5. People in their 70s and 80s 5. Die sooner than fast walkers their same age. 6. 904 6. The people in the tests had medical records. 7. 7. Three They looked at how quickly people could calculate. Tests on the participants at different walking 8. Calculate 8. 9. Normal and fast 9. Say the alphabet while walking at normal speed. 10. The alphabet 10. Showed less brain activity while saying the

alphabet.

MULTIPLE CHOICE - QUIZ (p.10)

1. b 2. С 3. d 4. b 5. а 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;-)