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#### Level 5

# Fitness trackers 'poor at measuring calories burned' 28th May, 2017

http://www.breakingnewsenglish.com/1705/170528-fitness-trackers-5.html

#### **Contents**

The Reading	2
Phrase Matching	3
Listening Gap Fill	4
No Spaces	5
Survey	6
Writing and Speaking	7
Writing	8

Please try Levels 4 and 6. They are (a little) harder.

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#### THE READING

From <a href="http://www.breakingnewsenglish.com/1705/170528-fitness-trackers-5.html">http://www.breakingnewsenglish.com/1705/170528-fitness-trackers-5.html</a>

A new report says fitness trackers don't measure the calories our body burns while exercising so accurately. This means people may make poor decisions about their diet. The study, from Stanford University, evaluated five popular trackers. These included the Apple Watch, Fitbit Surge and Samsung Gear S2. The researchers observed 60 volunteers as they walked, ran and cycled with the devices. Researchers found that none of the devices had an error rate below 20 per cent. Dr Euan Ashley said: "People need to know that on energy expenditure, [the trackers] give rough estimates."

The scientists said users of fitness trackers should be careful about using the devices to judge what they eat. Dr Ashley said: "If you go to the gym, and you think you've lost 400 calories, then you might feel you've got 400 calories to play with." This could be a problem for people who decide what to eat after reading fitness tracker data. A CEO of a fitness tracker company told the USA Today newspaper that the study method could have used incorrect settings and thus given incorrect data. He said the study's error rate was wrong because of a "methodological error" in the research.

Sources: http://www.bbc.com/news/health-40030457

https://www. usatoday.com/story/tech/nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech/nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech/nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech/nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech/nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech/nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech/nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech/nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech/nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech/nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech/nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech/nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech/nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech/nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech/nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech/nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech-nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech-nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech-nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech-nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech-nation-now/2017/05/24/your-fitness-tracker-could-way-story/tech-nation-now-story/tech-

way-off/342327001/

http://www.livescience.com/59242-how-accurate-is-your-fitness-tracker-really.html

#### PHRASE MATCHING

From http://www.breakingnewsenglish.com/1705/170528-fitness-trackers-5.html

#### **PARAGRAPH ONE:**

- 1. the calories our body burns
- 2. make poor decisions
- 3. The researchers observed
- 4. walked, ran and cycled
- 5. none of the devices
- 6. an error rate below
- 7. energy
- 8. give rough

- a. with the devices
- b. expenditure
- c. had
- d. estimates
- e. about their diet
- f. 60 volunteers
- g. 20 per cent
- h. while exercising

#### **PARAGRAPH TWO:**

- 1. users
- 2. be careful
- 3. judge what
- 4. you've got 400
- 5. decide what to
- 6. study
- 7. could have used incorrect
- 8. a "methodological error"

- a. calories to play with
- b. they eat
- c. method
- d. eat
- e. of fitness trackers
- f. in the research
- g. about using the devices
- h. settings

## **LISTEN AND FILL IN THE GAPS**

From <a href="http://www.breakingnewsenglish.com/1705/170528-fitness-trackers-5.html">http://www.breakingnewsenglish.com/1705/170528-fitness-trackers-5.html</a>

A new report says fitness trackers (1) $\_$	calories our
body burns while exercising (2)	This means people
may make poor decisions about their	diet. The study, from Stanford
University, (3) po	pular trackers. These included the
Apple Watch, Fitbit Surge and Samsung (	Gear S2. The researchers observed
60 volunteers (4)	, ran and cycled with the devices.
Researchers found that (5)	devices had an error
rate below 20 per cent. Dr Euan Ashley s	aid: "People need to know that on
energy expenditure, [the trackers] (6)	. "I
The scientists (7)	fitness trackers should be careful
about using the devices (8)	they eat. Dr Ashley
said: "If you go to the gym, and (9)	lost 400
calories, then you might feel you've got 40	00 calories to play with." This could
be a problem for people who (10)	after reading
fitness tracker data. A CEO of a fitness tra	acker company told the USA Today
newspaper that the study method (11)	incorrect
settings and thus given incorrect da	ita. He said the study's error
(12) because of	a "methodological error" in the
research.	

# PUT A SLASH ( / )WHERE THE SPACES ARE

From http://www.breakingnewsenglish.com/1705/170528-fitness-trackers-5.html

Anewreportsaysfitnesstrackersdon'tmeasurethecaloriesourbodybu rnswhileexercisingsoaccurately. This means people may make poor de cisionsabouttheirdiet.Thestudy,fromStanfordUniversity,evaluatedfi vepopulartrackers. These included the Apple Watch, Fit bit Surgeand Sa msungGearS2.Theresearchersobserved60volunteersastheywalked ,ranandcycledwiththedevices.Researchersfoundthatnoneofthedevi ceshadanerrorratebelow20percent.DrEuanAshleysaid:"Peopleneed toknowthatonenergyexpenditure,[thetrackers]giveroughestimates ."Thescientistssaidusersoffitnesstrackersshouldbecarefulaboutusin gthedevicestojudgewhattheyeat.DrAshleysaid:"Ifyougotothegym, andyouthinkyou'velost400calories, then you might feel you've got 400 caloriestoplaywith."This could be a problem for people who decide what t oeatafterreadingfitnesstrackerdata.ACEOofafitnesstrackercompan ytoldtheUSATodaynewspaperthatthestudymethodcouldhaveusedin correctsettingsandthusgivenincorrectdata. Hesaidthestudy's errorra tewaswrongbecauseofa"methodologicalerror"intheresearch.

#### FITNESS TRACKERS SURVEY

From <a href="http://www.breakingnewsenglish.com/1705/170528-fitness-trackers-4.html">http://www.breakingnewsenglish.com/1705/170528-fitness-trackers-4.html</a>

Write five GOOD questions about fitness trackers 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.

# WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student A: Do not show these to your speaking partner(s).

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### **WRITING**

 $\textbf{From} \quad \underline{\text{http://www.breakingnewsenglish.com/1705/170528-fitness-trackers-5.html} \\$ 

Write about <b>fitness trackers</b> for 10 minutes. Read and talk about your partner's paper.				