

Breaking News English.com

Ready-to-Use English Lessons by Sean Banville

"1,000 IDEAS & ACTIVITIES
FOR LANGUAGE TEACHERS"

breakingnewsenglish.com/book.html

Thousands more free lessons
from Sean's other websites

www.freeslmaterials.com/sean_banville_lessons.html

Level 0 – 8th September, 2022

Space travel changes astronauts' DNA

FREE online quizzes, mp3 listening and more for this lesson here:

<https://breakingnewsenglish.com/2209/220908-astronauts-dna-0.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 1, 2 and 3. They are (a little) harder.

Twitter



twitter.com/SeanBanville

Facebook



www.facebook.com/pages/BreakingNewsEnglish/155625444452176

THE READING

From <https://breakingnewsenglish.com/2209/220908-astronauts-dna-0.html>

Our DNA can change in space. This could increase astronauts' chances of getting cancer. Scientists did research on astronauts' blood. The astronauts went on the Space Shuttle 20 years ago. They gave blood before and after going into space. A professor said radiation and other factors in space could change our DNA.

Many countries are working on going to Mars and the moon. Companies are starting the business of space tourism. Scientists will do more research to study how space travel could harm our body. This could help NASA's new Artemis project. This will send people to the moon for the first time since December 1972.

Sources: <https://www.dailymail.co.uk/sciencetech/article-11182509/NASA-astronauts-blood-shows-signs-DNA-mutations-spaceflight-monitored.html>
<https://thehill.com/changing-america/well-being/prevention-cures/3622854-spaceflight-may-increase-the-risk-of-heart-disease-cancer-study/>
<https://www.universetoday.com/157440/even-short-flights-to-space-cause-cell-mutations-that-could-lead-to-cancer-and-heart-disease/>

PHRASE MATCHING

From <https://breakingnewsenglish.com/2209/220908-astronauts-dna-0.html>

PARAGRAPH ONE:

- | | |
|--------------------------------|-------------------------|
| 1. Our DNA can change | a. our DNA |
| 2. chances | b. in space |
| 3. did research on astronauts' | c. into space |
| 4. The astronauts went | d. blood |
| 5. They gave | e. factors |
| 6. before and after going | f. of getting cancer |
| 7. radiation and other | g. blood |
| 8. change | h. on the Space Shuttle |

PARAGRAPH TWO:

- | | |
|-----------------------------|------------------------|
| 1. going to Mars | a. Artemis project |
| 2. starting the business of | b. since December 1972 |
| 3. Scientists will do more | c. and the moon |
| 4. space travel could harm | d. research |
| 5. This could | e. to the moon |
| 6. NASA's new | f. our body |
| 7. This will send people | g. help |
| 8. for the first time | h. space tourism |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/2209/220908-astronauts-dna-0.html>

Our DNA (1) _____ space. This could increase astronauts' (2) _____ cancer. Scientists (3) _____ astronauts' blood. The astronauts went on the Space Shuttle (4) _____. They (5) _____ and after going into space. A professor said radiation (6) _____ in space could change our DNA.

Many countries (7) _____ going to Mars and the moon. Companies (8) _____ business of space tourism. Scientists will (9) _____ to study how space travel could (10) _____. This could help NASA's new Artemis project. This (11) _____ to the moon for (12) _____ since December 1972.

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2209/220908-astronauts-dna-0.html>

OurDNAcanchangeinspace.Thiscouldincreaseastronauts'chancesof
gettingcancer.Scientistsdidresearchonastronauts'blood.Theastrona
utswentontheSpaceShuttle20yearsago.Theygavebloodbeforeandaf
tergoingintospace.Aprofessorsaidradiationandotherfactorsinspacec
ouldchangeourDNA.ManycountriesareworkingongoingtoMarsandth
emoon.Companiesarestartingthebusinessofspacetourism.Scientist
swilldomoreresearchtostudyhowspacetravelcouldharmourbody.Thi
scouldhelpNASA'snewArtemisproject.Thiswillsendpeopletothemoo
nforthefirsttimesinceDecember1972.

DNA SURVEY

From <https://breakingnewsenglish.com/2209/220908-astronauts-dna-0.html>

Write five GOOD questions about DNA 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).

a) _____

b) _____

c) _____

d) _____

e) _____

f) _____

Space travel changes astronauts' DNA – 8th September, 2022
More free lessons at breakingnewsenglish.com

WRITE QUESTIONS & ASK YOUR PARTNER(S)

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

a) _____

b) _____

c) _____

d) _____

e) _____

f) _____

