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# **Level 2** – 21st December 2023 Scientists say early risers have Neanderthal genes

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https://breakingnewsenglish.com/2312/231221-early-risers-2.html

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Please try Levels 0, 1 and 3. They are (a little) harder.

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#### THE READING

From <a href="https://breakingnewsenglish.com/2312/231221-early-risers-2.html">https://breakingnewsenglish.com/2312/231221-early-risers-2.html</a>

Early risers naturally wake up early in the morning. Their body clock makes them do this while most of us are still in deep sleep. Researchers said early risers could have some DNA from Neanderthals – our ancestors from over 40,000 years ago. Neanderthals lived in northern parts of Europe and Asia. They woke up earlier to gather food as the sun rose. A researcher said it was better to have a body clock that could change to match the changing light of different seasons. He said a "faster" body clock makes people "more likely to rise early".

Scientists have wondered why some people are early birds and others are night owls. They looked at a database full of genetic information. People who said they were early risers shared DNA with Neanderthals. The research found many examples of Neanderthal DNA in the early risers. The effect of the Neanderthal DNA may be weakening as time passes. Our modern lifestyles mean many of us prefer to sleep in and not leave the comfort of our bed. Nevertheless, it may still be true that the early bird catches the worm.

Sources:

https://edition.cnn.com/2023/12/14/health/early-risers-neanderthal-dna-scn/index.html https://gizmodo.com/neanderthal-genes-humans-morning-person-early-riser-1851098940 https://www.boredpanda.com/early-risers-can-have-neanderthals-dna/

#### PHRASE MATCHING

From https://breakingnewsenglish.com/2312/231221-early-risers-2.html

#### **PARAGRAPH ONE:**

- 1. Early risers naturally
- 2. Their body clock makes
- 3. still in deep
- 4. early risers could have some DNA
- 5. our ancestors from over
- 6. northern
- 7. gather food
- 8. the changing light

- a. parts
- b. from Neanderthals
- c. of different seasons
- d. them do this
- e. as the sun rose
- f. wake up
- g. 40,000 years ago
- h. sleep

#### **PARAGRAPH TWO:**

- Scientists have wondered
- 2. some people are early
- 3. a database full of genetic
- 4. Neanderthal DNA may be weakening
- 5. many of us prefer to
- 6. leave the comfort
- 7. Nevertheless, it may
- 8. the early bird

- a. as time passes
- b. sleep in
- c. catches the worm
- d. information
- e. of our bed
- f. birds
- g. why
- h. still be true

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

From <a href="https://breakingnewsenglish.com/2312/231221-early-risers-2.html">https://breakingnewsenglish.com/2312/231221-early-risers-2.html</a>

Early risers naturally wake (1)	the morning.
Their body clock makes them do this v	while most of us are still
(2) Researchers	s said early risers could
have some DNA from Neanderthals - (3	3)
over 40,000 years ago. Neanderthals	ived in northern parts of
Europe and Asia. They woke up earlier	4)
as the sun rose. A researcher said it was b	better to have a body clock
that could (5) the	e changing light of different
seasons. He said a "faster" body	y clock makes people
"(6) rise early".	
Scientists have wondered v	why some people
(7) and others a	re night owls. They looked
at a database (8)	_ information. People who
said they were early risers shared DNA	A with Neanderthals. The
research (9) of	Neanderthal DNA in the
early risers. The effect of the Neandertha	al DNA may be weakening
(10) Our modern	n lifestyles mean many of
us prefer to sleep in and not leave the (1	1)
bed. Nevertheless, it may still be t	rue that the early bird
(12)	

### PUT A SLASH ( / )WHERE THE SPACES ARE

From https://breakingnewsenglish.com/2312/231221-early-risers-2.html

Earlyrisersnaturallywakeupearlyinthemorning. Theirbodyclockmake sthemdothiswhilemostofusarestillindeepsleep.Researcherssaidearl yriserscouldhavesomeDNAfromNeanderthals-ourancestorsfromov er40,000yearsago.NeanderthalslivedinnorthernpartsofEuropeandA sia. Theywokeupearliertogatherfoodasthesunrose. Aresearchersaidi twasbettertohaveabodyclockthatcouldchangetomatchthechangingl ightofdifferentseasons. Hesaida "faster" bodyclock makespeople "mor elikelytoriseearly". Scientistshavewonderedwhysomepeopleareearl ybirdsandothersarenightowls. Theylookedatadatabasefullofgenetici nformation.PeoplewhosaidtheywereearlyriserssharedDNAwithNea nderthals. There search found many examples of Neanderthal DNA in the eearlyrisers. The effect of the Neanderthal DNA may be weakening as time epasses.Ourmodernlifestylesmeanmanyofusprefertosleepinandnot leave the comfort of our bed. Nevertheless, it may still be true that the early of the comfort of the comfortybirdcatchestheworm.

#### **EARLY RISERS SURVEY**

From https://breakingnewsenglish.com/2312/231221-early-risers-2.html

Write five GOOD questions about early risers 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**

From <a href="https://breakingnewsenglish.com/2312/231221-early-risers-2.html">https://breakingnewsenglish.com/2312/231221-early-risers-2.html</a>

Write about <b>early risers</b>	for 10 minutes.	Read and talk	c about your	partner's paper.