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Level 4 – 20th April, 2021

Scientists create human-monkey chimera

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<https://breakingnewsenglish.com/2104/210420-chimera-4.html>

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Please try Levels 5 and 6. They are (a little) harder.

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THE READING

From <https://breakingnewsenglish.com/2104/210420-chimera-4.html>

More examples of science fiction are becoming science fact. Scientists have created the world's first part-human, part-monkey embryo. The result of this fusion is called a chimera. It could lead to lifesaving medical advances. A bio-scientist said this breakthrough was important for organ transplants. He said: "The long-term goal...is to grow human organs in pigs - kidneys, livers, hearts, etc." Thousands of people die every year waiting for a transplant.

In this groundbreaking research, scientists injected human cells into monkey embryos and studied their development. The bio-scientist said there were ethical concerns but chimera are common. He said: "Every time a person gets an organ transplant, the result is an intra-species chimera - an organism made up of cells from two members of the same species....When a human gets a pig heart valve, she becomes an inter-species chimera."

Sources: <https://www.salon.com/2021/04/16/the-bioethics-of-the-first-human-monkey-hybrid-embryo/>
<https://www.webmd.com/a-to-z-guides/news/20210416/scientists-create-monkey-human-embryos>
<https://www.yahoo.com/news/scientists-created-hybrid-human-monkey-133712492.html>

PHRASE MATCHING

From <https://breakingnewsenglish.com/2104/210420-chimera-4.html>

PARAGRAPH ONE:

- | | |
|--|-----------------------|
| 1. science | a. organs |
| 2. the world's first part-human, | b. fiction |
| 3. The result of this fusion is called | c. transplant |
| 4. lead to lifesaving medical | d. a chimera |
| 5. this breakthrough was | e. every year |
| 6. human | f. part-monkey embryo |
| 7. Thousands of people die | g. important |
| 8. waiting for a | h. advances |

PARAGRAPH TWO:

- | | |
|--|----------------|
| 1. groundbreaking | a. chimera |
| 2. scientists injected human | b. concerns |
| 3. The bio-scientist said there were ethical | c. transplant |
| 4. chimera are | d. valve |
| 5. a person gets an organ | e. research |
| 6. the result is an intra-species | f. up of cells |
| 7. an organism made | g. cells |
| 8. a pig heart | h. common |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/2104/210420-chimera-4.html>

More examples of science fiction are (1) _____.

Scientists have created the world's (2) _____, part-

monkey embryo. The result of (3) _____ called a

chimera. It could lead to lifesaving medical advances. A bio-scientist said

this breakthrough (4) _____ organ transplants. He

said: "The (5) _____...is to grow human organs in pigs

- kidneys, livers, hearts, etc." Thousands of people

(6) _____ waiting for a transplant.

In this groundbreaking research, (7) _____ cells into

monkey (8) _____ their development. The bio-scientist

said there were ethical concerns but chimera are common. He said: "Every

time a person (9) _____ transplant, the result is an

intra-species chimera - an organism made (10) _____

from two members of (11) _____....When a human gets

a pig heart valve, she becomes (12) _____ chimera."

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2104/210420-chimera-4.html>

More examples of science fiction are becoming science fact. Scientists have created the world's first part-human, part-monkey embryo. The result of this fusion is called a chimera. It could lead to life-saving medical advances. A bio-scientist said this breakthrough was important for organ transplants. He said: "The long-term goal... is to grow human organs in pig-kidneys, livers, hearts, etc." Thousands of people die every year waiting for a transplant. In this groundbreaking research, scientists injected human cells into monkey embryos and studied their development. The bio-scientist said there were ethical concerns but chimeras are common. He said: "Every time a person gets an organ transplant, the result is an intra-species chimera - an organism made up of cells from two members of the same species.... When a human gets a pig heart valve, she becomes an inter-species chimera."

CHIMERA SURVEY

From <https://breakingnewsenglish.com/2104/210420-chimera-4.html>

Write five GOOD questions about chimera 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) _____

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WRITE QUESTIONS & ASK YOUR PARTNER(S)

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

- a) _____
- b) _____
- c) _____
- d) _____
- e) _____
- f) _____

