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**Level 6 – 24th June 2024**

## Chimpanzees use medicinal plants when sick

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

<https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

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**Please try Levels 4 and 5 (they are easier).**

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# THE ARTICLE

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

Humans have been using medicinal plants since prehistoric times. They are still used around the world in traditional medicine. For the first time, scientists have discovered that chimpanzees also seek out the fruits of the forest to heal themselves when sick. Researchers from Oxford University in the UK conducted a study of chimpanzee behaviour at the Budongo Central Forest Reserve in Uganda. The researchers tracked a male chimp with an injured hand looking for the leaves of a fern. The fern had properties that may have reduced the swelling in the ape's hand. Another chimpanzee with a parasitic infection sought out the bark of a cat-thorn tree. This may have helped to alleviate the animal's condition.

The research team said there was a strong correlation between the chimpanzees' ailments and injuries and the healing properties in the flora they consumed. The researchers tested plant extracts that were not a normal part of a chimpanzee's diet. They found that 88 per cent of the extracts contained anti-bacterial properties, while 33 per cent of them had anti-inflammatory qualities. Researcher and anthropologist Dr Elodie Freymann said: "Pharmacological results suggest that Budongo chimpanzees consume several species with potent medicinal properties." She said her team's investigations into the primates' behaviour may pave the way for a greater use of natural remedies in our lives.

Sources: <https://www.yahoo.com/news/chimpanzees-seen-self-medicating-healing-141231514.html>  
<https://www.ndtv.com/environment/chimpanzees-seek-out-medicinal-plants-to-heal-injuries-infections-study-5943261>  
<https://www.newscientist.com/article/2435647-sick-chimpanzees-seek-out-range-of-plants-with-medicinal-properties/>

# WARM-UPS

**1. MEDICINAL PLANTS:** Students walk around the class and talk to other students about medicinal plants. 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?

humans / medicinal plants / traditional / chimpanzees / sick / behaviour / fern / bark / ailments / injuries / flora / plant extracts / anti-bacterial / diet / primates / our lives

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

**3. BACK TO NATURE:** Students A **strongly** believe we need to use natural remedies more and manufactured drugs less; Students B **strongly** believe the opposite. Change partners again and talk about your conversations.

**4. AILMENTS:** What do you know about these ailments? How can we treat them? Complete this table with your partner(s). Change partners often and share what you wrote.

	What I Know	How We Can Treat Them?
Swollen finger		
Toothache		
Burn		
Blisters		
Headache		
Upset stomach		

**5. CHIMPANZEE:** Spend one minute writing down all of the different words you associate with the word "chimpanzee". Share your words with your partner(s) and talk about them. Together, put the words into different categories.

**6. PLANTS:** Rank these with your partner. Put the plants that are best for us at the top. Change partners often and share your rankings.

- Aloe
- Garlic
- Lavender
- Cactus
- Ginseng
- Ginger
- Dandelion
- Spinach

# VOCABULARY MATCHING

## Paragraph 1

- |                |  |
|----------------|--|
| 1. prehistoric | a. Look for something or someone.  |
| 2. seek out    | b. A green plant with many small leaves, often found in darker places in forests.        |
| 3. heal        | c. Make pain or a problem less.  |
| 4. fern        | d. Get better after being hurt or sick.  |
| 5. properties  | e. When a part of your body fills with water and gets bigger because it is hurt or sick. |
| 6. swelling    | f. Very, very old, from a time before people could write.                                |
| 7. alleviate   | g. Special qualities of something.   |

## Paragraph 2

- |                    |   |
|--------------------|---|
| 8. correlation     | h. A small sickness or health problem.                                |
| 9. ailment         | i. Plants that grow in a certain place.                               |
| 10. flora          | j. A group of living things that includes monkeys and humans.         |
| 11. extract        | k. A person who studies people and cultures from the past.            |
| 12. anthropologist | l. To take out something from somewhere.                              |
| 13. potent         | m. A connection between two things where one thing affects the other. |
| 14. primate        | n. Very strong or powerful.   |

# BEFORE READING / LISTENING

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

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

1. Humans have used plants as medicine for about 700 years. **T / F**
2. Chimpanzees started using plants for medicinal purposes this year. **T / F**
3. Researchers observed a chimpanzee with an injury to its hand. **T / F**
4. A chimpanzee with an infection ate the bark of a cat-thorn bush. **T / F**
5. Researchers said the link between the chimps' ills and plants was weak. **T / F**
6. Nearly 90% of the plants chimpanzees ate were anti-bacterial. **T / F**
7. A third of the plants chimpanzees ate were anti-inflammatory. **T / F**
8. Humans may use plants for natural remedies more in the future. **T / F**

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

- |                         |                 |
|-------------------------|-----------------|
| <b>1. medicinal</b>     | a. ate          |
| <b>2. traditional</b>   | b. reduce       |
| <b>3. heal</b>          | c. monitored    |
| <b>4. tracked</b>       | d. conventional |
| <b>5. alleviate</b>     | e. link         |
| <b>6. correlation</b>   | f. powerful     |
| <b>7. consumed</b>      | g. curative     |
| <b>8. properties</b>    | h. prepare      |
| <b>9. potent</b>        | i. qualities    |
| <b>10. pave the way</b> | j. cure         |

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

- |  |                            |
|--|----------------------------|
| 1. Humans have been using medicinal plants       | a. in the ape's hand       |
| 2. seek out the fruits of the forest             | b. species                 |
| 3. properties that may have reduced the swelling | c. of a cat-thorn tree     |
| 4. Another chimpanzee with                       | d. bacterial properties    |
| 5. sought out the bark                           | e. to heal themselves      |
| 6. The research team said there was a strong     | f. since prehistoric times |
| 7. plant   | g. way for a greater use   |
| 8. the extracts contained anti-                  | h. extracts                |
| 9. chimpanzees consume several                   | i. a parasitic infection   |
| 10. pave the                                     | j. correlation             |

# GAP FILL

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

Humans have been using medicinal plants since (1) \_\_\_\_\_ times. They are still used around the world in traditional medicine. For the first time, scientists have (2) \_\_\_\_\_ that chimpanzees also seek out the fruits of the forest to (3) \_\_\_\_\_ themselves when sick. Researchers from Oxford University in the UK conducted a study of chimpanzee behaviour at the Budongo Central Forest Reserve in Uganda. The researchers (4) \_\_\_\_\_ a male chimp with an injured hand looking for the leaves of a (5) \_\_\_\_\_. The fern had properties that may have reduced the (6) \_\_\_\_\_ in the ape's hand. Another chimpanzee with a parasitic (7) \_\_\_\_\_ sought out the bark of a cat-thorn tree. This may have helped to (8) \_\_\_\_\_ the animal's condition.

The research team said there was a strong (9) \_\_\_\_\_ between the chimpanzees' (10) \_\_\_\_\_ and injuries and the healing properties in the flora they consumed. The researchers tested plant (11) \_\_\_\_\_ that were not a normal part of a chimpanzee's diet. They found that 88 per cent of the extracts contained anti-bacterial (12) \_\_\_\_\_, while 33 per cent of them had anti-inflammatory qualities. Researcher and (13) \_\_\_\_\_ Dr Elodie Freymann said: "Pharmacological results suggest that Budongo chimpanzees (14) \_\_\_\_\_ several species with potent medicinal properties." She said her team's investigations into the (15) \_\_\_\_\_ behaviour may pave the way for a greater use of natural (16) \_\_\_\_\_ in our lives.

*fern*  
*heal*  
*prehistoric*  
*infection*  
*discovered*  
*swelling*  
*alleviate*  
*tracked*  
  
*extracts*  
*anthropologist*  
*remedies*  
*correlation*  
*properties*  
*primates'*  
*ailments*  
*consume*

# LISTENING – Guess the answers. Listen to check.

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

- 1) Humans have been using medicinal plants \_\_\_\_\_
  - a. since prehistoric time
  - b. since prehistoric timers
  - c. since prehistoric timings
  - d. since prehistoric times
- 2) scientists have discovered that chimpanzees also seek out the fruits of the forest \_\_\_\_\_
  - a. to feel themselves
  - b. to heal themselves
  - c. to heel themselves
  - d. to hail themselves
- 3) Researchers from Oxford University in the UK \_\_\_\_\_
  - a. contracted a study
  - b. conduced a study
  - c. conducted a study
  - d. compacted a study
- 4) The fern had properties that may have \_\_\_\_\_
  - a. reduced the swollen
  - b. reduced the swell in
  - c. reduced the swelling
  - d. reduced the swilling
- 5) Another chimpanzee with a parasitic infection sought \_\_\_\_\_
  - a. out the nark
  - b. out the park
  - c. out the dark
  - d. out the bark
- 6) there was a strong correlation between the chimpanzees' \_\_\_\_\_
  - a. ailments and injury
  - b. ailments and injurious
  - c. ailments and in juries
  - d. ailments and injuries
- 7) the healing properties in the \_\_\_\_\_
  - a. flora they assumed
  - b. flora they resumed
  - c. flora they consumed
  - d. flora they consume
- 8) while 33 per cent of them had \_\_\_\_\_
  - a. anti-inflammatory qualifies
  - b. anti-inflammatory qualities
  - c. anti-inflammatory quantities
  - d. anti-inflammatory quality
- 9) chimpanzees consume several species with \_\_\_\_\_
  - a. potent medicinal propertied
  - b. potent medicinal property
  - c. potent medicinal properly
  - d. potent medicinal properties
- 10) her team's investigations into the primates' behaviour may \_\_\_\_\_
  - a. pave the weigh
  - b. rave the way
  - c. pave the way
  - d. rave a way

# LISTENING – Listen and fill in the gaps

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

Humans have been using medicinal plants (1) \_\_\_\_\_. They are still used around the world in traditional medicine. For the first time, scientists have discovered that chimpanzees (2) \_\_\_\_\_ the fruits of the forest to heal themselves when sick. Researchers from Oxford University in the UK (3) \_\_\_\_\_ of chimpanzee behaviour at the Budongo Central Forest Reserve in Uganda. The researchers tracked a male chimp with an injured hand looking for the leaves (4) \_\_\_\_\_. The fern had properties that may have reduced the swelling in the ape's hand. Another chimpanzee with (5) \_\_\_\_\_ sought out the bark of a cat-thorn tree. This may have (6) \_\_\_\_\_ the animal's condition.

The research team said there was (7) \_\_\_\_\_ between the chimpanzees' (8) \_\_\_\_\_ and the healing properties in the flora they consumed. The researchers (9) \_\_\_\_\_ that were not a normal part of a chimpanzee's diet. They found that 88 per cent of the extracts contained (10) \_\_\_\_\_, while 33 per cent of them had anti-inflammatory qualities. Researcher and anthropologist Dr Elodie Freymann said: "Pharmacological results suggest that Budongo chimpanzees consume several (11) \_\_\_\_\_ medicinal properties." She said her team's investigations into the primates' behaviour may (12) \_\_\_\_\_ for a greater use of natural remedies in our lives.



# COMPREHENSION QUESTIONS

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

1. Since when have humans been using plants for medicinal purposes?
2. Where do the researchers in this article work?
3. In which country was the research conducted?
4. What did a chimpanzee hope to treat with a fern?
5. What part of the cat-thorn tree did a chimpanzee look for?
6. What kind of correlation was there between ailments and healing plants?
7. What percentage of plants contained anti-bacterial properties?
8. What percentage of plants contained anti-inflammatory properties?
9. What is the field of research of Dr Elodie Freymann?
10. What might the research pave the way for the use of in our lives?

# MULTIPLE CHOICE - QUIZ

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

- 1) Since when have humans been using plants for medicinal purposes?
  - a) 1952
  - b) prehistoric times
  - c) 52 BC
  - d) the Middle Ages
- 2) Where do the researchers in this article work?
  - a) Kampala University
  - b) Nairobi University
  - c) Cambridge University
  - d) Oxford University
- 3) In which country was the research conducted?
  - a) Burundi
  - b) Kenya
  - c) Uganda
  - d) Chad
- 4) What did a chimpanzee hope to treat with a fern?
  - a) a swollen hand
  - b) an upset stomach
  - c) a toothache
  - d) memory loss
- 5) What part of the cat-thorn tree did a chimpanzee look for?
  - a) the thorns
  - b) the bark
  - c) the cats
  - d) the roots
- 6) What kind of correlation was there between ailments and healing plants?
  - a) a strong correlation
  - b) a weak correlation
  - c) a positive correlation
  - d) a negative correlation
- 7) What percentage of plants contained anti-bacterial properties?
  - a) 33%
  - b) 77%
  - c) 88%
  - d) 66%
- 8) What percentage of plants contained anti-inflammatory properties?
  - a) 33%
  - b) 44%
  - c) 66%
  - d) 88%
- 9) What is the field of research of Dr Elodie Freymann?
  - a) accountancy
  - b) anatomy
  - c) zoology
  - d) anthropology
- 10) What might the research pave the way for the use of in our lives?
  - a) roads
  - b) a disease-free life
  - c) natural remedies
  - d) more research

# ROLE PLAY

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

## **Role A – Garlic**

You think garlic is the plant that's best for us. Tell the others three reasons why. Tell them why their plants aren't so good. Also, tell the others which is the least useful of these (and why): spinach, dandelion or avocado.

## **Role B – Spinach**

You think spinach is the plant that's best for us. Tell the others three reasons why. Tell them why their plants aren't so good. Also, tell the others which is the least useful of these (and why): garlic, dandelion or avocado.

## **Role C – Dandelion**

You think dandelion is the plant that's best for us. Tell the others three reasons why. Tell them why their plants aren't so good. Also, tell the others which is the least useful of these (and why): spinach, garlic or avocado.

## **Role D – Avocado**

You think avocado is the plant that's best for us. Tell the others three reasons why. Tell them why their plants aren't so good. Also, tell the others which is the least useful of these (and why): spinach, dandelion or garlic.

# AFTER READING / LISTENING

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

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

<b>chimpanzee</b>	<b>plant</b>
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- 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:

<ul style="list-style-type: none"><li>• humans</li><li>• first</li><li>• heal</li><li>• tracked</li><li>• reduced</li><li>• bark</li></ul>	<ul style="list-style-type: none"><li>• between</li><li>• tested</li><li>• 88</li><li>• 33</li><li>• potent</li><li>• greater</li></ul>
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# MEDICINAL PLANTS SURVEY

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

Write five GOOD questions about medicinal plants 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.

# MEDICINAL PLANTS 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 'medicinal'?
3. What do you know about medicinal plants?
4. Which are better – medicinal plants or manufactured drugs?
5. How intelligent are chimpanzees?
6. What plants do you know of with healing properties?
7. What do you do when part of your body is swollen?
8. What do you know about ferns?
9. Would you like to study chimpanzee behaviour?
10. How much do you rely on medicine?

*Chimpanzees use medicinal plants when sick – 24th June 2024*  
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# MEDICINAL PLANTS 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 'plant'?
13. What do you think about what you read?
14. What do you know about chimpanzees?
15. Is any of the food we eat medicinal?
16. What can we learn from chimpanzees?
17. How important is the work of anthropologists?
18. What will medicine of the future be like?
19. Do you think nature contains remedies to all our ills?
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)

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

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# DISCUSSION (Write your own questions)

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

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

# LANGUAGE - CLOZE

From <https://breakingnewsenglish.com/2406/240624-medical-plants.html>

Humans have been using medicinal plants since prehistoric (1) \_\_\_\_\_. They are still used around the world in traditional medicine. For the first time, scientists have discovered that chimpanzees also (2) \_\_\_\_\_ out the fruits of the forest to heal themselves when sick. Researchers from Oxford University in the UK (3) \_\_\_\_\_ a study of chimpanzee behaviour at the Budongo Central Forest Reserve in Uganda. The researchers tracked a male chimp with an (4) \_\_\_\_\_ hand looking for the leaves of a fern. The fern had properties that may have reduced the (5) \_\_\_\_\_ in the ape's hand. Another chimpanzee with a parasitic infection sought (6) \_\_\_\_\_ the bark of a cat-thorn tree. This may have helped to alleviate the animal's condition.

The research team said there was a strong correlation (7) \_\_\_\_\_ the chimpanzees' ailments and injuries and the healing properties in the flora they consumed. The researchers tested plant extracts (8) \_\_\_\_\_ were not a normal part of a chimpanzee's diet. They found that 88 per cent of the extracts contained anti-bacterial properties, while 33 per cent of them had anti-inflammatory (9) \_\_\_\_\_. Researcher and anthropologist Dr Elodie Freymann said: "Pharmacological results (10) \_\_\_\_\_ that Budongo chimpanzees consume several species with (11) \_\_\_\_\_ medicinal properties." She said her team's investigations into the primates' behaviour may (12) \_\_\_\_\_ the way for a greater use of natural remedies in our lives.

## Put the correct words from the table below in the above article.

- |     |                |                |                |                |
|-----|----------------|----------------|----------------|----------------|
| 1.  | (a) timers     | (b) timings    | (c) timed      | (d) times      |
| 2.  | (a) meek       | (b) leek       | (c) peek       | (d) seek       |
| 3.  | (a) congealed  | (b) conducted  | (c) congested  | (d) contacted  |
| 4.  | (a) injurious  | (b) injury     | (c) injured    | (d) injurer    |
| 5.  | (a) swelling   | (b) dwelling   | (c) welling    | (d) swilling   |
| 6.  | (a) out        | (b) up         | (c) down       | (d) in         |
| 7.  | (a) amidst     | (b) amid       | (c) among      | (d) between    |
| 8.  | (a) that       | (b) what       | (c) such       | (d) so         |
| 9.  | (a) qualifies  | (b) qualities  | (c) quantities | (d) quarks     |
| 10. | (a) suggestive | (b) suggesting | (c) suggest    | (d) suggestion |
| 11. | (a) rodent     | (b) intent     | (c) potent     | (d) indent     |
| 12. | (a) save       | (b) pave       | (c) cave       | (d) wave       |



# SPELLING

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

## Paragraph 1

1. since rhitspoeirc times
2. raitoitndal medicine
3. The fern had roeptrpies
4. reduced the esllwing in the ape's hand
5. Another chimpanzee with a rsaaipitc infection
6. helped to vleaialte the animal's condition

## Paragraph 2

7. there was a strong rlreacitoon
8. the chimpanzees' ilmenats
9. The researchers tested plant tearxcts
10. anti-fiamamntlroy qualities
11. Researcher and trnlophagoost
12. natural edemires

# PUT THE TEXT BACK TOGETHER

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

**Number these lines in the correct order.**

- ( ) anti-bacterial properties, while 33 per cent of them had anti-inflammatory qualities. Researcher and
- ( ) out the fruits of the forest to heal themselves when sick. Researchers from Oxford University in the UK conducted
- ( ) behaviour may pave the way for a greater use of natural remedies in our lives.
- ( ) a male chimp with an injured hand looking for the leaves of a fern. The fern had properties that may have reduced the
- ( ) several species with potent medicinal properties." She said her team's investigations into the primates'
- ( ) anthropologist Dr Elodie Freymann said: "Pharmacological results suggest that Budongo chimpanzees consume
- ( ) and injuries and the healing properties in the flora they consumed. The researchers tested plant
- ( **1** ) Humans have been using medicinal plants since prehistoric times. They are still used around the world in traditional
- ( ) of a cat-thorn tree. This may have helped to alleviate the animal's condition.
- ( ) The research team said there was a strong correlation between the chimpanzees' ailments
- ( ) swelling in the ape's hand. Another chimpanzee with a parasitic infection sought out the bark
- ( ) a study of chimpanzee behaviour at the Budongo Central Forest Reserve in Uganda. The researchers tracked
- ( ) medicine. For the first time, scientists have discovered that chimpanzees also seek
- ( ) extracts that were not a normal part of a chimpanzee's diet. They found that 88 per cent of the extracts contained

# PUT THE WORDS IN THE RIGHT ORDER

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

1. plants times . have since Humans used medicinal prehistoric
2. world Still used around the in medicine . traditional
3. male an with hand . Tracked injured chimp a
4. may Properties have that the swelling . reduced
5. help This the animal's alleviate may to condition .
6. healing flora in The the properties they consumed .
7. a normal part of a Not chimpanzee's diet .
8. that They extracts the found contained anti-bacterial properties .
9. consume with species several potent Chimps medicinal properties .
10. the way for a Pave greater use .

# CIRCLE THE CORRECT WORD (20 PAIRS)

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

Humans have been using medicinal plants since prehistoric *timings / times*. They are still used around the world in traditional medicine. For the *last / first* time, scientists have discovered that chimpanzees also *seek / sick* out the fruits of the forest to heal themselves when *sickness / sick*. Researchers from Oxford University in the UK *conducted / conduced* a study of chimpanzee behaviour at the Budongo Central Forest Reserve in Uganda. The researchers *tracked / tricked* a male chimp with an injured hand looking for the leaves of a fern. The fern had *possessions / properties* that may have reduced the *swollen / swelling* in the ape's hand. Another chimpanzee with a parasitic infection sought *out / in* the bark of a cat-thorn tree. This may have helped to *alleviate / abbreviate* the animal's condition.

The research team said there was *a / the* strong correlation between the chimpanzees' ailments and injuries and the healing properties *on / in* the flora they consumed. The researchers tested plant extracts that were not a normal part *at / of* a chimpanzee's diet. They found that 88 per cent of the extracts *contained / contents* anti-bacterial properties, while 33 per cent of them had anti-inflammatory *qualifies / qualities*. Researcher and *anthropology / anthropologist* Dr Elodie Freymann said: "Pharmacological results *suggest / suggestive* that Budongo chimpanzees consume several species with *portent / potent* medicinal properties." She said her team's investigations *onto / into* the primates' behaviour may *pave / cement* the way for a greater use of natural remedies in our lives.

**Talk about the connection between each pair of words in italics, and why the correct word is correct. Look up the definition of new words.**

# INSERT THE VOWELS (a, e, i, o, u)

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

H\_m\_ns h\_v\_ b\_\_n \_s\_ng m\_d\_c\_n\_l pl\_nts s\_nc\_ pr\_h\_st\_r\_c t\_m\_s. Th\_y \_r\_ st\_ll \_s\_d \_r\_\_nd th\_ w\_rld \_n tr\_d\_t\_\_n\_l m\_d\_c\_n\_. F\_r th\_ f\_rst t\_m\_, sc\_\_nt\_sts h\_v\_ d\_sc\_v\_r\_d th\_t ch\_mp\_nz\_\_s \_ls\_ s\_\_k \_\_t th\_ fr\_\_ts \_f th\_ f\_rst t\_ h\_\_l th\_ms\_lv\_s wh\_n s\_ck. R\_s\_\_rch\_rs fr\_m \_xf\_rd \_n\_v\_rs\_ty \_n th\_ \_K c\_nd\_ct\_d \_ st\_dy \_f ch\_mp\_nz\_\_ b\_h\_v\_\_r \_t th\_ B\_d\_ng\_ C\_ntr\_l F\_rst R\_s\_rv\_ \_n \_g\_nd\_. Th\_ r\_s\_\_rch\_rs tr\_ck\_d \_ m\_l\_ ch\_mp w\_th \_n \_nj\_r\_d h\_nd l\_\_k\_ng f\_r th\_ l\_\_v\_s \_f \_ f\_rn. Th\_ f\_rn h\_d pr\_p\_rt\_\_s th\_t m\_y h\_v\_ r\_d\_c\_d th\_ sw\_ll\_ng \_n th\_ \_p\_'s h\_nd. \_n\_th\_r ch\_mp\_nz\_\_ w\_th \_ p\_r\_s\_t\_c \_nf\_ct\_\_n s\_\_ght \_\_t th\_ b\_rk \_f \_ c\_t-th\_rn tr\_\_. Th\_s m\_y h\_v\_ h\_lp\_d t\_ \_ll\_v\_\_t\_ th\_ \_n\_m\_l's c\_nd\_t\_\_n.

Th\_ r\_s\_\_rch t\_\_m s\_\_d th\_r\_ w\_s \_ str\_ng c\_rr\_l\_t\_\_n b\_tw\_\_n th\_ ch\_mp\_nz\_\_s' \_\_lm\_nts \_nd \_nj\_r\_\_s \_nd th\_ h\_\_l\_ng pr\_p\_rt\_\_s \_n th\_ fl\_r\_ th\_y c\_ns\_m\_d. Th\_ r\_s\_\_rch\_rs t\_st\_d pl\_nt \_xtr\_cts th\_t w\_r\_ n\_t \_ n\_rm\_l p\_rt \_f \_ ch\_mp\_nz\_\_'s d\_\_t. Th\_y f\_\_nd th\_t 88 p\_r c\_nt \_f th\_ \_xtr\_cts c\_nt\_\_n\_d \_nt\_-b\_ct\_r\_\_l pr\_p\_rt\_\_s, wh\_l\_ 33 p\_r c\_nt \_f th\_m h\_d \_nt\_- \_nfl\_mm\_t\_ry q\_\_l\_t\_\_s. R\_s\_\_rch\_r \_nd \_nthr\_p\_l\_g\_st Dr \_l\_d\_\_ Fr\_ym\_nn s\_\_d: "Ph\_rm\_c\_l\_g\_c\_l r\_s\_lts s\_gg\_st th\_t B\_d\_ng\_ ch\_mp\_nz\_\_s c\_ns\_m\_ s\_v\_r\_l sp\_c\_\_s w\_th p\_t\_nt m\_d\_c\_n\_l pr\_p\_rt\_\_s." Sh\_ s\_\_d h\_r t\_\_m's \_nv\_st\_g\_t\_\_ns \_nt\_ th\_ pr\_m\_t\_s' b\_h\_v\_\_r m\_y p\_v\_ th\_ w\_y f\_r \_ gr\_\_t\_r \_s\_ \_f n\_t\_r\_l r\_m\_d\_\_s \_n \_\_r l\_v\_s.

# PUNCTUATE THE TEXT AND ADD CAPITALS

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

humans have been using medicinal plants since prehistoric times they are still used around the world in traditional medicine for the first time scientists have discovered that chimpanzees also seek out the fruits of the forest to heal themselves when sick researchers from oxford university in the uk conducted a study of chimpanzee behaviour at the budongo central forest reserve in uganda the researchers tracked a male chimp with an injured hand looking for the leaves of a fern the fern had properties that may have reduced the swelling in the apes hand another chimpanzee with a parasitic infection sought out the bark of a cacthorn tree this may have helped to alleviate the animals condition

the research team said there was a strong correlation between the chimpanzees ailments and injuries and the healing properties in the flora they consumed the researchers tested plant extracts that were not a normal part of a chimpanzees diet they found that 88 per cent of the extracts contained antibacterial properties while 33 per cent of them had antiinflammatory qualities researcher and anthropologist dr elodie freymann said pharmacological results suggest that budongo chimpanzees consume several species with potent medicinal properties she said her teams investigations into the primates behaviour may pave the way for a greater use of natural remedies in our lives

# PUT A SLASH ( / ) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2406/240624-medicinal-plants.html>

Humans have been using medicinal plants since prehistoric times. They are still used around the world in traditional medicine. For the first time, scientists have discovered that chimpanzees also seek out the fruit of the forest to heal themselves when sick. Researchers from Oxford University in the UK conducted a study of chimpanzee behaviour at the Budongo Central Forest Reserve in Uganda. The researcher tracked a male chimpanzee with an injured hand looking for the leaves of a fern. The fern had properties that may have reduced the swelling in the ape's hand. Another chimpanzee with a parasitic infection sought out the bark of a cat-thorn tree. This may have helped to alleviate the animal's condition. The research team said there was a strong correlation between the chimpanzees' ailments and injuries and the healing properties in the flora they consumed. The researchers tested plant extracts that were not a normal part of a chimpanzee's diet. They found that 88 percent of the extracts contained anti-bacterial properties, while 33 percent of them had anti-inflammatory qualities. Researcher and anthropologist Dr Elodie Freymann said: "Pharmacological results suggest that Budongo chimpanzees consume several species with potent medicinal properties." She said her team's investigations into the primates' behaviour may pave the way for a greater use of natural remedies in our lives.

# FREE WRITING

From <https://breakingnewsenglish.com/2406/240624-medical-plants.html>

Write about **medicinal plants** for 10 minutes. Comment on your partner's paper.

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# 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. MEDICINAL PLANTS:** Make a poster about medicinal plants. Show your work to your classmates in the next lesson. Did you all have similar things?

**4. BACK TO NATURE:** Write a magazine article about going back to nature and favoring medicinal plants over manufactured medicines. 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 medicinal plants. Ask him/her three questions about medicinal plants. Give him/her three of your ideas. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

# ANSWERS

## VOCABULARY (p.4)

1. f    2. a    3. d    4. b    5. g    6. e    7. c  
8. m    9. h    10. i    11. l    12. k    13. n    14. j

## TRUE / FALSE (p.5)

- 1 F    2 F    3 T    4 F    5 F    6 T    7 T    8 T

## SYNONYM MATCH (p.5)

1. g	2. d	3. j	4. c	5. b
6. e	7. a	8. i	9. f	10. h

## COMPREHENSION QUESTIONS (p.9)

1. Prehistoric times
2. Oxford University (UK)
3. Uganda
4. A swollen hand
5. The bark
6. A strong correlation
7. Eight-eight per cent
8. Thirty-three per cent
9. Anthropology
10. Natural remedies

## WORDS IN THE RIGHT ORDER (p.19)

1. Humans have used medicinal plants since prehistoric times.
2. Still used around the world in traditional medicine.
3. Tracked a male chimp with an injured hand.
4. Properties that may have reduced the swelling.
5. This may help to alleviate the animal's condition.
6. The healing properties in the flora they consumed.
7. Not a normal part of a chimpanzee's diet.
8. They found that the extracts contained anti-bacterial properties.
9. Chimpanzees consume several species with potent medicinal properties.
10. Pave the way for a greater use.

## MULTIPLE CHOICE - QUIZ (p.10)

1. b    2. d    3. c    4. a    5. b    6. a    7. c    8. a    9. d    10. c

## ALL OTHER EXERCISES

Please check for yourself by looking at the Article on page 2.  
(It's good for your English ;-)