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Level 6 – 9th April, 2019

Hip-hop is the best music to mature cheese

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<https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

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

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THE ARTICLE

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

Scientists have discovered a bizarre link between music and cheese. Different genres of music affect the way cheese matures. A top Swiss cheese-maker and a team of researchers from Switzerland's Bern University conducted a six-month test to look into the effect music had on the maturation process of Emmental cheese. After the cheese had matured, it was sampled and assessed by the researchers and a jury of culinary cheese experts. The researchers found that cheese that had been played hip-hop had a stronger aroma and flavor than the other samples. The cheese aficionados reached the same conclusion as the researchers - the hip-hop cheese was the tastiest.

The experiment involved exposing different cheeses to a 24-hour, non-stop musical loop. A music player directed sound waves at the cheese for six months. The experiment was titled "Cheese in Surround Sound". The music included Mozart's "The Magic Flute," Led Zeppelins rock classic "Stairway to Heaven," and A Tribe Called Quest's hip-hop tune "Jazz (We've Got)". A researcher explained the differences in taste. He said: "Bacteria are responsible for the formation of the taste of cheese, with the enzymes that influence its maturity. I am convinced that humidity, temperature or nutrients are not the only things that influence taste. Sounds, ultrasounds or music can also have physical effects."

Sources: <https://www.smithsonianmag.com/smart-news/hip-hop-and-mozart-improve-flavor-swiss-cheese-180971721/>
<https://www.nme.com/news/music/playing-hip-hop-to-cheese-produces-the-funkiest-flavour-says-scientists-2463655>
<https://www.npr.org/2019/03/24/706344902/need-a-cant-miss-wheel-of-cheese-try-playing-it-some-hip-hop>

WARM-UPS

1. HIP-HOP: Students walk around the class and talk to other students about hip-hop. 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?

scientists / bizarre / genres / test / process / researchers / jury / culinary / aroma / experiment / loop / sound waves / Mozart / hip-hop / taste / maturity / nutrients

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

3. HIP-HOP: Students A **strongly** believe hip-hop is the best music around these days; Students B **strongly** believe it isn't. Change partners again and talk about your conversations.

4. HIP-HOP: How might hip-hop have an affect on these things? Complete this table with your partner(s). Change partners often and share what you wrote.

	Good Things	Bad Things
Food		
Studying		
Babies		
Transport		
Advertising		
Pets		

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

6. MUSIC GENRES: Rank these with your partner. Put the best at the top. Change partners often and share your rankings.

- hip-hop
- rock
- opera
- folk
- country
- techno
- classical
- jazz

VOCABULARY MATCHING

Paragraph 1

- | | |
|--------------|---|
| 1. bizarre | a. A type of music or literature, characterized by similarities in form, style, or subject matter. |
| 2. genre | b. Did; carried out. |
| 3. mature | c. Very strange or unusual. |
| 4. conducted | d. Of or for cooking. |
| 5. sampled | e. Tried the qualities of food or drink by tasting it. |
| 6. culinary | f. A distinctive, typically pleasant smell. |
| 7. aroma | g. Having reached the most advanced stage in a process; ready to eat after a going through a process. |

Paragraph 2

- | | |
|---------------|--|
| 8. exposing | h. A substance that provides nourishment essential for growth and the maintenance of life. |
| 9. loop | i. The action of being created. |
| 10. classic | j. An ability to affect or change something or someone. |
| 11. formation | k. Causing something or someone to experience something. |
| 12. influence | l. A process, the end of which is connected to the beginning. |
| 13. convinced | m. Completely certain about something. |
| 14. nutrient | n. A work of art of recognized for its quality and long-established value. |

BEFORE READING / LISTENING

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

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

- a. Scientists discovered a bazaar link between hip-hop and cheese. **T / F**
- b. The researchers are from a university in Switzerland. **T / F**
- c. The research was done on a cheese called Emmental. **T / F**
- d. Cheese experts decided the hip-hop-matured cheese was the tastiest. **T / F**
- e. Cheese was exposed to sound waves from music for 12 hours a day. **T / F**
- f. Scientists chose Beethoven as the classical music for its research. **T / F**
- g. Enzymes influence how cheese matures. **T / F**
- h. Ultrasounds can physically affect cheese as it matures. **T / F**

2. SYNONYM MATCH:

Match the following synonyms. The words in **bold** are from the news article.

- | | |
|-----------------------|-----------------|
| 1. discovered | a. continuous |
| 2. genres | b. tasted |
| 3. conducted | c. flavor |
| 4. sampled | d. categories |
| 5. aficionados | e. sure |
| 6. non-stop | f. affect |
| 7. titled | g. found |
| 8. taste | h. called |
| 9. convinced | i. carried out |
| 10. influence | j. connoisseurs |

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

- | | |
|---|---------------------------|
| 1. a bizarre | a. waves |
| 2. the effect music had on | b. cheese experts |
| 3. a jury of culinary | c. the same conclusion |
| 4. had a stronger aroma | d. that influence taste |
| 5. The cheese aficionados reached | e. musical loop |
| 6. a 24-hour, non-stop | f. in taste |
| 7. sound | g. link |
| 8. A researcher explained the differences | h. of cheese |
| 9. the formation of the taste | i. and flavor |
| 10. not the only things | j. the maturation process |

GAP FILL

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

Scientists have discovered a (1) _____ link between music and cheese. Different genres of music affect the (2) _____ cheese matures. A top Swiss cheese-maker and a team of researchers from Switzerland's Bern University (3) _____ a six-month test to look into the effect music had on the maturation (4) _____ of Emmental cheese. After the cheese had matured, it was (5) _____ and assessed by the researchers and a jury of (6) _____ cheese experts. The researchers found that cheese that had been played hip-hop had a stronger (7) _____ and flavor than the other samples. The cheese (8) _____ reached the same conclusion as the researchers - the hip-hop cheese was the tastiest.

sampled
way
aficionados
bizarre
aroma
process
culinary
conducted

The experiment involved (9) _____ different cheeses to a 24-hour, non-stop musical loop. A music player directed sound (10) _____ at the cheese for six months. The experiment was titled "Cheese in Surround Sound". The music included Mozart's "The Magic Flute," Led Zeppelins rock (11) _____ "Stairway to Heaven," and A Tribe Called Quest's hip-hop tune "Jazz (We've Got)". A researcher explained the differences in (12) _____. He said: "Bacteria are (13) _____ for the formation of the taste of cheese, with the enzymes that influence its (14) _____. I am convinced that humidity, temperature or (15) _____ are not the only things that influence taste. Sounds, ultrasounds or music can also have physical (16) _____."

classic
responsible
exposing
nutrients
taste
effects
waves
maturity

LISTENING – Guess the answers. Listen to check.

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

- 1) Scientists have discovered a _____
 - a. bizarre link
 - b. business link
 - c. busier link
 - d. bazaar link
- 2) Different genres of music affect the way _____
 - a. cheesy matures
 - b. cheese matured
 - c. cheesy matured
 - d. cheese matures
- 3) a six-month test to look into the effect music had on the _____
 - a. matriculation process
 - b. mathematical process
 - c. maturation process
 - d. malnutrition process
- 4) sampled and assessed by the researchers and a jury of culinary _____
 - a. cheese exports
 - b. cheese expats
 - c. cheese ex-ports
 - d. cheese experts
- 5) hip-hop had a stronger aroma and flavor than the _____
 - a. other samples
 - b. another samples
 - c. other sampled
 - d. another sample
- 6) exposing different cheeses to a 24-hour, non-stop _____
 - a. musical loopy
 - b. musically sloop
 - c. musical loop
 - d. musically loop
- 7) A researcher explained the differences _____
 - a. in taste
 - b. on taste
 - c. no taste
 - d. end taste
- 8) responsible for the formation of the taste of cheese, with the enzymes that _____
 - a. influence sits maturity
 - b. influence that's maturity
 - c. influence its maturity
 - d. influence this maturity
- 9) humidity, temperature or nutrients are not the only things that _____
 - a. influential taste
 - b. influences taste
 - c. influenced taste
 - d. influence taste
- 10) Sounds, ultrasounds or music can also have _____
 - a. physically effects
 - b. physical effect
 - c. physical effects
 - d. physique all effect

LISTENING – Listen and fill in the gaps

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

Scientists have discovered (1) _____ between music and cheese. Different genres of music (2) _____ cheese matures. A top Swiss cheese-maker and a team of researchers from Switzerland's Bern University conducted a six-month (3) _____ into the effect music had on the maturation process of Emmental cheese. After the cheese had matured, (4) _____ and assessed by the researchers and a jury of (5) _____. The researchers found that cheese that had been played hip-hop had a stronger aroma and flavor than the other samples. The cheese aficionados reached the same conclusion as the researchers - the hip-hop cheese (6) _____.

The experiment involved (7) _____ to a 24-hour, non-stop musical loop. A music player directed sound waves at the cheese for six months. The (8) _____ "Cheese in Surround Sound". The music included Mozart's "The Magic Flute," Led Zeppelins rock classic "Stairway to Heaven," and A Tribe Called Quest's hip-hop tune "Jazz (We've Got)". A researcher explained the (9) _____. He said: "Bacteria are responsible for the formation of the taste of cheese, with the enzymes that (10) _____. I am convinced that humidity, temperature or nutrients are not the only things (11) _____. Sounds, ultrasounds or music can also (12) _____."

COMPREHENSION QUESTIONS

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

1. How was the link between cheese and hip-hop described as being?
2. What university are the researchers from?
3. What cheese did researchers conduct their tests on?
4. How long was the test?
5. What was the jury that assessed the cheese made up of?
6. What did music players direct at the cheeses?
7. What classical composer's music was used in the experiment?
8. What was responsible for the formation of the taste of cheese?
9. How sure is the researcher that other things influence taste?
10. What did a researcher say might physically affect the taste of cheese?

MULTIPLE CHOICE - QUIZ

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

- 1) How was the link between cheese and hip-hop described as being?
 - a) busier
 - b) bazaar
 - c) bizarre
 - d) brazen
- 2) What university are the researchers from?
 - a) the University of Bern
 - b) the University of Cheese
 - c) Emmental University
 - d) Fondue University
- 3) What cheese did researchers conduct their tests on?
 - a) Emmental
 - b) Brie
 - c) Cheddar
 - d) Feta
- 4) How long was the test?
 - a) six years
 - b) six months
 - c) sixty months
 - d) sixteen weeks
- 5) What was the jury that assessed the cheese made up of?
 - a) cheese fondue artists
 - b) restaurant owners
 - c) professors
 - d) culinary cheese experts
- 6) What did music players direct at the cheeses?
 - a) a conductor's baton
 - b) sound waves
 - c) heat
 - d) a fondue cooker
- 7) What classical composer's music was used in the experiment?
 - a) Mozart
 - b) Fondue
 - c) Beethoven
 - d) Handel
- 8) What was responsible for the formation of the taste of cheese?
 - a) chemicals
 - b) a cheese company
 - c) bacteria
 - d) fungus
- 9) How sure is the researcher that other things influence taste?
 - a) not at all sure
 - b) pretty sure
 - c) not that sure
 - d) he is convinced
- 10) What did a researcher say might physically affect the taste of cheese?
 - a) sounds, ultrasounds or music
 - b) music, musicals and musicians
 - c) notes, notations and notables
 - d) melodies, melodics and melodeons

ROLE PLAY

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

Role A – Hip-hop

You think hip-hop is the best music. Tell the others three reasons why. Tell them what is wrong with their genres. Also, tell the others which is the worst of these (and why): rock, jazz or classical.

Role B – Rock

You think rock is the best music. Tell the others three reasons why. Tell them what is wrong with their genres. Also, tell the others which is the worst of these (and why): hip-hop, jazz or classical.

Role C – Jazz

You think jazz is the best music. Tell the others three reasons why. Tell them what is wrong with their genres. Also, tell the others which is the worst of these (and why): rock, hip-hop or classical.

Role D – Classical

You think classical is the best music. Tell the others three reasons why. Tell them what is wrong with their genres. Also, tell the others which is the worst of these (and why): rock, jazz or hip-hop.

AFTER READING / LISTENING

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

1. WORD SEARCH: Look in your dictionary / computer to find collocates, other meanings, information, synonyms ... for the words 'hip-hop' and 'cheese'.

hip-hop	cheese
----------------	---------------

- 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">• link• top• look• jury• stronger• reached	<ul style="list-style-type: none">• 24• titled• classic• tune• responsible• only
---	---

HIP-HOP SURVEY

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

Write five GOOD questions about hip-hop 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.

HIP-HOP 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 'hip-hop'?
3. What do you think of cheese?
4. What do you think of hip-hop?
5. What do you think hip-hop-matured cheese tastes like?
6. How can music affect food?
7. What music would you like to play to maturing cheese?
8. What food would you like to be an expert on?
9. How does someone become a cheese expert?
10. Should music be played to animals and vegetables?

Hip-hop is the best music to mature cheese – 9th April, 2019
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HIP-HOP 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 'taste'?
13. What do you think about what you read?
14. What can you do with cheese?
15. What other links are there between music and food?
16. How does music affect you?
17. What other things affect the taste of food?
18. How important is cheese in your country's cuisine?
19. How important is hip-hop in your country?
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/1904/190409-hip-hop-cheese.html>

Scientists have discovered a (1) _____ link between music and cheese. Different genres of music affect the way cheese (2) _____. A top Swiss cheese-maker and a team of researchers from Switzerland's Bern University conducted a six-month test to look (3) _____ the effect music had on the maturation process of Emmental cheese. After the cheese had matured, it was (4) _____ and assessed by the researchers and a jury of culinary cheese experts. The researchers found that cheese that had been played hip-hop had a stronger (5) _____ and flavor than the other samples. The cheese aficionados reached the same (6) _____ as the researchers - the hip-hop cheese was the tastiest.

The experiment involved (7) _____ different cheeses to a 24-hour, non-stop musical loop. A music player directed sound waves (8) _____ the cheese for six months. The experiment was titled "Cheese in Surround Sound". The music included Mozart's "The Magic Flute," Led Zeppelins rock (9) _____ "Stairway to Heaven," and A Tribe Called Quest's hip-hop tune "Jazz (We've Got)". A researcher explained the differences (10) _____ taste. He said: "Bacteria are responsible for the formation of the taste of cheese, with the enzymes that influence its maturity. I am (11) _____ that humidity, temperature or nutrients are not the (12) _____ things that influence taste. Sounds, ultrasounds or music can also have physical effects."

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

- | | | | | |
|-----|----------------|---------------|----------------|----------------|
| 1. | (a) bazaar | (b) bizarre | (c) busier | (d) brazen |
| 2. | (a) natures | (b) matures | (c) macha | (d) machos |
| 3. | (a) and to | (b) onto | (c) unto | (d) into |
| 4. | (a) simple | (b) sampled | (c) ample | (d) stamped on |
| 5. | (a) aura | (b) aroma | (c) armor | (d) amour |
| 6. | (a) compulsion | (b) confusion | (c) conclusion | (d) contusion |
| 7. | (a) exposed | (b) exposure | (c) exposing | (d) exposes |
| 8. | (a) by | (b) to | (c) at | (d) of |
| 9. | (a) classical | (b) classics | (c) class | (d) classic |
| 10. | (a) in | (b) on | (c) at | (d) of |
| 11. | (a) convinced | (b) convened | (c) convenient | (d) convoluted |
| 12. | (a) another | (b) other | (c) only | (d) just |

SPELLING

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

Paragraph 1

1. Scientists have discovered a barzier link
2. Different ergens of music
3. the atuitarnmo process
4. sdeasse by the researchers
5. a jury of ycriaunl cheese experts
6. cheese aoodfcniisa

Paragraph 2

7. xsegpoin different cheeses
8. Cheese in udouSrn Sound
9. enzymes that lunicenfe its maturity
10. I am civcnedon
11. humidity, temperature or ertintnsu
12. dslrnasuuto or music

PUT THE TEXT BACK TOGETHER

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

Number these lines in the correct order.

- () tune "Jazz (We've Got)". A researcher explained the differences in taste. He said: "Bacteria are responsible
- () jury of culinary cheese experts. The researchers found that cheese that had been played
- () included Mozart's "The Magic Flute," Led Zeppelins rock classic "Stairway to Heaven," and A Tribe Called Quest's hip-hop
- () for the formation of the taste of cheese, with the enzymes that influence its maturity. I am convinced
- () hip-hop had a stronger aroma and flavor than the other samples. The cheese aficionados reached
- () ultrasounds or music can also have physical effects."
- () The experiment involved exposing different cheeses to a 24-hour, non-stop musical loop. A music player directed
- (**1**) Scientists have discovered a bizarre link between music and cheese. Different genres of music affect
- () sound waves at the cheese for six months. The experiment was titled "Cheese in Surround Sound". The music
- () that humidity, temperature or nutrients are not the only things that influence taste. Sounds,
- () of Emmental cheese. After the cheese had matured, it was sampled and assessed by the researchers and a
- () the same conclusion as the researchers - the hip-hop cheese was the tastiest.
- () the way cheese matures. A top Swiss cheese-maker and a team of researchers from Switzerland's
- () Bern University conducted a six-month test to look into the effect music had on the maturation process

PUT THE WORDS IN THE RIGHT ORDER

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

1. affect Genres of matures . way music cheese the
2. the process . on The effect had maturation music
3. experts . cheese a culinary of jury and Researchers
4. and than stronger A aroma others . the flavor
5. the same cheese reached The conclusion . aficionados
6. musical to loop . a cheeses non-stop Exposing different
7. sound A player music waves directed cheese . at
8. differences explained taste . the researcher A in
9. formation taste . of responsible for the the Bacteria
10. the things Nutrients that aren't only taste . influence

CIRCLE THE CORRECT WORD (20 PAIRS)

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

Scientists have discovered a *bizarre / biz* link between music and cheese. Different genres of music *effect / affect* the way cheese matures. A top Swiss cheese-maker and a team of researchers from Switzerland's Bern University *redacted / conducted* a six-month test to look *into / onto* the effect music had on the maturation *progress / process* of Emmental cheese. After the cheese *had / has* matured, it was *sampled / tampered* and assessed by the researchers and a *bury / jury* of culinary cheese experts. The researchers found that cheese that had been played hip-hop had a stronger aroma and flavor than the *other / others* samples. The cheese aficionados *retched / reached* the same conclusion as the researchers - the hip-hop cheese was the tastiest.

The experiment involved *expose / exposing* different cheeses to a 24-hour, non-stop musical *hoop / loop*. A music player *directed / produced* sound waves at the cheese for six months. The experiment was *entitled / titled* "Cheese in Surround Sound". The music included Mozart's "The Magic Flute," Led Zeppelins rock *classical / classic* "Stairway to Heaven," and A Tribe Called Quest's hip-hop tune "Jazz (We've Got)". A researcher *explanation / explained* the differences in taste. He said: "Bacteria are *responsible / responsibility* for the formation of the taste of cheese, with the enzymes that influence its *mature / maturity*. I am convinced that humidity, temperature or nutrients are not the only things that influence *tasty / taste*. Sounds, ultrasounds or music can also have *mental / physical* effects."

Talk about the connection between each pair of words in italics, and why the correct word is correct.

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

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

S c__ n t_s t s h_v_ d_s c_v_r_d _ b_z_r r_ l_n k b_t
w__ n m_s_c _n d c h__ s_. D_ff_r_n t g_n r_s _f
m_s_c _f f_c t t h_ w_y c h__ s_ m_t_r_s. A t_p S
w_s s c h__ s_- m_k_r _n d _ t__ m _f r_s__ r c h_r s
f_r_m S w_t z_r l_n d 's B_r n U n_v_r s_t y c_n d_c
t_d _ s_x - m_n t h t_s t t_ l__ k _n t_ t h_ _f f_c t
m_s_c h_d _n t h_ m_t_r_t__ n p_r_c_s s _f E m m_n
t_l c h__ s_. A f_t_r t h_ c h__ s_ h_d m_t_r_d, _t
w_s s_m p_l_d _n d _s s_s s_d b_y t h_ r_s__ r c h_r s
_n d _ j_r y _f c_l_n_r y c h__ s_ _x p_r t s. T h_
r_s__ r c h_r s f__ n d t h_t c h__ s_ t h_t h_d b__
n p_l_y_d h_p - h_p h_d _ s_t_r_n g_r _r_m_ _n d f
l_v_r t h_n t h_ _t h_r s_m p_l_s. T h_ c h__ s_
_f_c__ n_d_s r__ c h_d t h_ s_m_ c_n c_l_s__ n _s t
h_ r_s__ r c h_r s - t h_ h_p - h_p c h__ s_ w_s t h_
t_s t__ s t.

T h_ _x p_r_m_n t _n v_l v_d _x p_s_n g d_f f_r_n t c
h__ s_s t__ 24 - h__ r, n_n - s_t_p m_s_c_l l__ p.
A m_s_c p_l_y_r d_r_c_t_d s__ n d w_v_s _t t h_ c
h__ s_ f_r s_x m_n t h_s. T h_ _x p_r_m_n t w_s t_t
l_d " C h__ s_ _n S_r r__ n d S__ n d ". T h_ m_s_c
_n c_l_d_d M_z_r t 's " T h_ M_g_c F_l_t_, " L_d Z_p
p_l_n s r_c k c_l_s_s_c " S_t__ r w_y t_ H__ v_n, "
_n d A T_r_b_ C_l_l_d Q__ s_t 's h_p - h_p t_n_ "
J_z z (W ' v_ G_t) ". A r_s__ r c h_r _x p_l__ n_d t
h_ d_f f_r_n c_s _n t_s t_. H_ s__ d: " B_c t_r__
_r r_s p_n s_b_l_ f_r t h_ f_r m_t__ n _f t h_ t_s t_
_f c h__ s_, w_t h t h_ _n z y m_s t h_t _n f_l__ n c_
_t_s m_t_r_t y. I _m c_n v_n c_d t h_t h_m_d_t y,
t_m p_r_t_r _r n_t_r__ n t_s _r_ n_t t h_ _n l_y t h_n
g_s t h_t _n f_l__ n c_ t_s t_. S__ n d_s, _l_t_r_s__ n d
s _r m_s_c c_n _l_s_ h_v_ p_h_y_s_c_l _f f_c t s. "

PUNCTUATE THE TEXT AND ADD CAPITALS

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

scientists have discovered a bizarre link between music and cheese different genres of music affect the way cheese matures a top swiss cheesemaker and a team of researchers from switzerlands bern university conducted a sixmonth test to look into the effect music had on the maturation process of emmental cheese after the cheese had matured it was sampled and assessed by the researchers and a jury of culinary cheese experts the researchers found that cheese that had been played hiphop had a stronger aroma and flavor than the other samples the cheese aficionados reached the same conclusion as the researchers the hiphop cheese was the tastiest

the experiment involved exposing different cheeses to a 24hour nonstop musical loop a music player directed sound waves at the cheese for six months the experiment was titled cheese in surround sound the music included mozarts the magic flute led zeppelins rock classic stairway to heaven and a tribe called quests hiphop tune jazz weve got a researcher explained the differences in taste he said bacteria are responsible for the formation of the taste of cheese with the enzymes that influence its maturity i am convinced that humidity temperature or nutrients are not the only things that influence taste sounds ultrasounds or music can also have physical effects

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/1904/190409-hip-hop-cheese.html>

Scientists have discovered a bizarre link between music and cheese. Different genres of music affect the way cheese matures. A top Swiss cheesemaker and a team of researchers from Switzerland's Bern University conducted a six-month test to look into the effect music had on the maturation process of Emmental cheese. After the cheese had matured, it was sampled and assessed by the researchers and a jury of culinary cheese experts. The researchers found that cheese that had been played hip-hop had a stronger aroma and flavor than the other samples. The cheese aficionado reached the same conclusion as the researchers - the hip-hop cheese was the tastiest. The experiment involved exposing different cheeses to a 24-hour, non-stop musical loop. A music player directed sound waves at the cheese for six months. The experiment was titled "Cheese in Surround Sound". The music included Mozart's "The Magic Flute," Led Zeppelin's rock classic "Stairway to Heaven," and A Tribe Called Quest's hip-hop tune "Jazz (We've Got)". A researcher explained the differences in taste. He said: "Bacteria are responsible for the formation of the taste of cheese, with the enzymes that influence its maturity. I am convinced that humidity, temperature or nutrients are not the only things that influence taste. Sounds, ultrasounds or music can also have physical effects."

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. HIP-HOP: Make a poster about hip-hop. Show your work to your classmates in the next lesson. Did you all have similar things?

4. HIP-HOP CHEESE: Write a magazine article about maturing cheese with hip-hop. 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 hip-hop. Ask him/her three questions about it. Give him/her three of your opinions on the music. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

ANSWERS

VOCABULARY (p.4)

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

TRUE / FALSE (p.5)

- a F b T c T d T e F f F g T h F

SYNONYM MATCH (p.5)

- | | |
|----------------|-----------------|
| 1. discovered | a. found |
| 2. genres | b. categories |
| 3. conducted | c. carried out |
| 4. sampled | d. tasted |
| 5. aficionados | e. connoisseurs |
| 6. non-stop | f. continuous |
| 7. titled | g. called |
| 8. taste | h. flavor |
| 9. convinced | i. sure |
| 10. influence | j. affect |

COMPREHENSION QUESTIONS (p.9)

1. Bizarre
2. The University of Bern
3. Emmental
4. Six months
5. Culinary cheese experts
6. Sound waves
7. Mozart
8. Bacteria
9. He is convinced
10. Sounds, ultrasounds or music

WORDS IN THE RIGHT ORDER (p.20)

1. Genres of music affect the way cheese matures.
2. The effect music had on the maturation process.
3. Researchers and a jury of culinary cheese experts.
4. A stronger aroma and flavor than the others.
5. The cheese aficionados reached the same conclusion.
6. Exposing different cheeses to a non-stop musical loop.
7. A music player directed sound waves at cheese.
8. A researcher explained the differences in taste.
9. Bacteria responsible for the formation of the taste.
10. Nutrients aren't the only things that influence taste.

MULTIPLE CHOICE - QUIZ (p.10)

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

ALL OTHER EXERCISES

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