

Hip-hop is the best music to mature cheese

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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 is 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: smithsonianmag.com / nme.com / npr.org

Writing

Hip-hop is better than opera. Discuss.

Chat

Talk about these words from the article.

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

True / False

- a) Scientists discovered a bizarre 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

Synonym Match

(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 |

Discussion – Student A

- a) What do you think about what you read?
- b) What can you do with cheese?
- c) What other links are there between music and food?
- d) How does music affect you?
- e) What other things affect the taste of food?
- f) How important is cheese in your country's cuisine?
- g) How important is hip-hop in your country?
- h) What questions would you like to ask the researchers?

Phrase Match

- | | |
|---|---------------------------|
| 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 |

Discussion – Student B

- What do you think of cheese?
- What do you think of hip-hop?
- What do you think hip-hop-matured cheese tastes like?
- How can music affect food?
- What music would you like to play to maturing cheese?
- What food would you like to be an expert on?
- How does someone become a cheese expert?
- Should music be played to animals and vegetables?

Spelling

- Scientists have discovered a barzier link
- Different ergens of music
- the atuitarnmo process
- sdeasse by the researchers
- a jury of ycriaunl cheese experts
- cheese aoodfcniisa
- xsegpoin different cheeses
- Cheese in udouSrn Sound
- enzymes that lunicenfe its maturity
- I am civcnedon
- humidity, temperature or ertintnsu
- dslrnasuuto or music

Answers – Synonym Match

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

Role Play

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.

Speaking – Music Genres

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

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

Answers – True False

a	F	b	T	c	T	d	T	e	F	f	F	g	T	h	F
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Answers to Phrase Match and Spelling are in the text.