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**Level 3 – 30th December, 2021**

## Japanese professor invents lickable TV screen

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

<https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

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**Please try Levels 0, 1 and 2 (they are easier).**

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# THE ARTICLE

From <https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

Have you ever wanted to taste the delicious-looking food you see on cooking shows? Well, that wish has moved a step closer. A professor in Japan has developed a prototype TV screen that you can lick. It is called TTTV. This abbreviation means "Taste the TV". Professor Homei Miyashita from Meiji University in Tokyo created the screen. He said it could become "taste-a-vision". If he created a screen that emits smells, we could also have "smell-a-vision". Professor Miyashita wanted to create a screen that gave a multisensory experience. He hopes his work means that screen technology can move on from just having pictures and sound to a screen that engages the sense of taste too.

Professor Miyashita said his screen can imitate food flavours. It works a bit like an inkjet printer that uses different cartridges to create different colours. Instead of ink, Miyashita's TTTV uses 10 different flavour cartridges. These spray a combination of flavours onto a hygienic film that is part of the TV screen. The TV viewer can then lick the screen to sample the taste. Professor Miyashita said: "The goal is to make it possible for people to have the experience of something like eating at a restaurant on the other side of the world, even while staying at home." A student at Meiji University sampled a chocolate she saw on the screen. She said: "It's sweet like a chocolate sauce." Miyashita said TTTV would cost about \$870.

Sources: <https://www.japantimes.co.jp/news/2021/12/23/business/tech/tasting-television/>  
<https://www.theguardian.com/world/2021/dec/23/taste-the-tv-japan-invents-lickable-screen-to-imitate-food-flavours>  
<https://www.theverge.com/2021/12/23/22851585/lick-taste-the-tv-screen-snozzberries-flavor-chemicals-menu>

# WARM-UPS

**1. LICKABLE TV:** Students walk around the class and talk to other students about lickable TV. 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?

taste / cooking shows / professor / TV screen / technology / pictures / sound / sense / food flavours / printer / ink / spray / lick / goal / experience / staying at home / sauce

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

**3. LICKABLE SCREENS:** Students A **strongly** believe lickable screens are a great idea; Students B **strongly** believe they are a terrible idea. Change partners again and talk about your conversations.

**4. SENSES:** How can technology improve these senses? How happy would you be with these improvements? Complete this table with your partner(s). Change partners often and share what you wrote.

	Improvements	Your Happiness
Taste		
Sight		
Smell		
Hearing		
Touch		
The sixth sense		

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

**6. TASTIEST:** Rank these with your partner. Put the tastiest things at the top. Change partners often and share your rankings.

- Potato chips
- Chocolate
- Blueberries
- Coffee
- Spicy chicken
- Garlic
- Grilled fish
- Apple juice

# VOCABULARY MATCHING

## Paragraph 1

- |              |  |
|--------------|--|
| 1. delicious | a. Produce and let out something, especially gas, smells or radiation.                       |
| 2. show      | b. A first version of something, from which other forms are made.                            |
| 3. prototype | c. A TV programme.   |
| 4. lick      | d. One of the ways we experience the world, such as sight, smell, hearing, taste, and touch. |
| 5. emit      | e. Having a really, really nice taste.   |
| 6. engage    | f. Pass the tongue over something in order to taste, wet, or clean it.                       |
| 7. sense     | g. Become involved in.   |

## Paragraph 2

- |                 |  |
|-----------------|--|
| 8. imitate      | h. A container holding film or ink.  |
| 9. cartridge    | i. Good for staying healthy and preventing disease.                          |
| 10. spray       | j. The money needed to buy something.  |
| 11. combination | k. Liquid that is blown or driven through the air in the form of tiny drops. |
| 12. hygienic    | l. Try something by eating or drinking a little of it.                       |
| 13. sample      | m. The joining of different things to make a new thing.                      |
| 14. cost        | n. Copy.   |

# BEFORE READING / LISTENING

From <https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

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

1. The article asks if we have ever been on a cooking show on TV. **T / F**
2. A professor in Japan created a lickable TV screen called TVTT. **T / F**
3. The professor created a screen for us to be able to smell food. **T / F**
4. The professor created a screen for us to use more than one sense. **T / F**
5. The article says the lickable screen is similar to an inkjet printer. **T / F**
6. The lickable screen uses 10 different printer ink cartridges. **T / F**
7. The screen could let us experience the taste of food worldwide. **T / F**
8. A student said the taste of chocolate was nothing like chocolate. **T / F**

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

- |                       |                 |
|-----------------------|-----------------|
| 1. <b>delicious</b>   | a. mix          |
| 2. <b>step</b>        | b. first model  |
| 3. <b>prototype</b>   | c. copy         |
| 4. <b>emits</b>       | d. stage        |
| 5. <b>just</b>        | e. be priced at |
| 6. <b>imitate</b>     | f. only         |
| 7. <b>combination</b> | g. tried out    |
| 8. <b>goal</b>        | h. tasty        |
| 9. <b>sampled</b>     | i. aim          |
| 10. <b>cost</b>       | j. releases     |

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

- |   |                            |
|---|----------------------------|
| 1. taste the delicious-looking food you see | a. imitate food flavours   |
| 2. that wish has moved a step               | b. prototype TV screen     |
| 3. A professor in Japan has developed a     | c. at home                 |
| 4. If he created a screen that emits        | d. experience              |
| 5. a screen that gave a multisensory        | e. like an inkjet printer  |
| 6. his screen can                           | f. on cooking shows        |
| 7. It works a bit                           | g. other side of the world |
| 8. These spray a combination                | h. smells                  |
| 9. eating at a restaurant on the            | i. of flavours             |
| 10. even while staying                      | j. closer                  |

# GAP FILL

From <https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

Have you ever wanted to taste the (1) \_\_\_\_\_ - looking food you see on cooking shows? Well, that wish has moved a (2) \_\_\_\_\_ closer. A professor in Japan has developed a (3) \_\_\_\_\_ TV screen that you can lick. It is called TTTV. This (4) \_\_\_\_\_ means "Taste the TV". Professor Homei Miyashita from Meiji University in Tokyo created the screen. He said it could become "taste-a-vision". If he created a screen that (5) \_\_\_\_\_ smells, we could also have "smell-a-vision". Professor Miyashita wanted to create a screen that gave a multisensory (6) \_\_\_\_\_. He hopes his work means that screen technology can move on from just having pictures and (7) \_\_\_\_\_ to a screen that engages the (8) \_\_\_\_\_ of taste too.

*step*  
*sound*  
*prototype*  
*emits*  
*sense*  
*delicious*  
*experience*  
*abbreviation*

Professor Miyashita said his screen can (9) \_\_\_\_\_ food flavours. It works a bit like an inkjet printer that uses different cartridges to (10) \_\_\_\_\_ different colours. Instead of ink, Miyashita's TTTV uses 10 different flavour cartridges. These (11) \_\_\_\_\_ a combination of flavours onto a hygienic (12) \_\_\_\_\_ that is part of the TV screen. The TV viewer can then (13) \_\_\_\_\_ the screen to sample the taste. Professor Miyashita said: "The goal is to make it possible for people to have the experience of something like eating at a restaurant on the (14) \_\_\_\_\_ side of the world, even while staying at home." A student at Meiji University (15) \_\_\_\_\_ a chocolate she saw on the screen. She said: "It's sweet like a chocolate sauce." Miyashita said TTTV would (16) \_\_\_\_\_ about \$870.

*lick*  
*sampled*  
*create*  
*film*  
*imitate*  
*cost*  
*other*  
*spray*

# LISTENING – Guess the answers. Listen to check.

From <https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

- 1) taste the delicious-looking food you see \_\_\_\_\_
  - a. on cook in shows
  - b. on cook king shows
  - c. on coo king shows
  - d. on cooking shows
- 2) Well, that wish has moved \_\_\_\_\_
  - a. a step closed
  - b. a step closely
  - c. a step closer
  - d. a step close
- 3) A professor in Japan has developed a prototype TV screen that \_\_\_\_\_
  - a. you can lack
  - b. you can luck
  - c. you can lick
  - d. you can lock
- 4) He said it could become "taste-a-vision". If he created a screen \_\_\_\_\_
  - a. that omits smells
  - b. that emits smells
  - c. that remits smells
  - d. that merits smells
- 5) can move on from just having pictures and sound to a screen that \_\_\_\_\_
  - a. engage is the sense
  - b. engaged the sense
  - c. engages the sense
  - d. engaging the sense
- 6) Professor Miyashita said his screen can \_\_\_\_\_
  - a. imitator food flavours
  - b. imitate foodie flavours
  - c. imitate food flavours
  - d. I'm irate food flavours
- 7) Instead of ink, Miyashita's TTTV uses 10 \_\_\_\_\_
  - a. different flavour cartridges
  - b. difference flavour cartridges
  - c. differently flavour cartridges
  - d. differ ant flavour cartridges
- 8) The TV viewer can then lick the screen to \_\_\_\_\_
  - a. simple the taste
  - b. sump pull the taste
  - c. sump pill the taste
  - d. sample the taste
- 9) have the experience of something like eating at a restaurant on \_\_\_\_\_
  - a. the others side
  - b. the other side
  - c. the another side
  - d. the udder side
- 10) Miyashita said TTTV would \_\_\_\_\_
  - a. costly about \$870
  - b. costs about \$870
  - c. coast about \$870
  - d. cost about \$870

# LISTENING – Listen and fill in the gaps

From <https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

Have you ever wanted to taste the delicious-looking food you see (1) \_\_\_\_\_? Well, that wish has moved a step closer. A professor in Japan has developed (2) \_\_\_\_\_ screen that you can lick. It is called TTTV. This abbreviation means "Taste the TV". Professor Homei Miyashita from Meiji University in Tokyo created the screen. He said (3) \_\_\_\_\_ "taste-a-vision". If he created a screen that emits smells, we could also have "smell-a-vision". Professor Miyashita (4) \_\_\_\_\_ a screen that gave a multisensory experience. He hopes his work means that screen technology can (5) \_\_\_\_\_ just having pictures and sound to a screen that engages the (6) \_\_\_\_\_ too.

Professor Miyashita said his screen can (7) \_\_\_\_\_. It works a bit like an inkjet printer that uses different (8) \_\_\_\_\_ different colours. Instead of ink, Miyashita's TTTV uses 10 different flavour cartridges. These (9) \_\_\_\_\_ of flavours onto a hygienic film that is part of the TV screen. The TV viewer can then (10) \_\_\_\_\_ to sample the taste. Professor Miyashita said: "The goal is to make it possible for people to have the experience of something like eating at a restaurant on the (11) \_\_\_\_\_ the world, even while staying at home." A student at Meiji University sampled a chocolate she saw on the screen. She said: "It's (12) \_\_\_\_\_ chocolate sauce." Miyashita said TTTV would cost about \$870.



# COMPREHENSION QUESTIONS

From <https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

1. Where might people have seen delicious-looking food?
2. What does TTTV mean?
3. Where is the university the professor is from?
4. What kind of experience does the professor want people to have?
5. What does the professor want his screen to move on from?
6. What does the professor's screen imitate?
7. How many cartridges does the screen use?
8. Where are restaurants the professor says we can sample tastes from?
9. What was the taste a student sampled?
10. How much does the professor say the screen would cost?

# MULTIPLE CHOICE - QUIZ

From <https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

- 1) Where might people have seen delicious-looking food?
  - a) in restaurants
  - b) cooking shows
  - c) in cookery books
  - d) the Internet
- 2) What does TTTV mean?
  - a) The Tasty TV
  - b) Top Tasty TV
  - c) The Tasting TV
  - d) Taste the TV
- 3) Where is the university the professor is from?
  - a) Tokyo
  - b) Osaka
  - c) Kobe
  - d) Kyoto
- 4) What kind of experience does the professor want people to have?
  - a) a gourmet one
  - b) a filling one
  - c) a multisensory one
  - d) a lip-licking-tasty one
- 5) What does the professor want his screen to move on from?
  - a) tastes and flavours
  - b) pictures and sound
  - c) pixels
  - d) food
- 6) What does the professor's screen imitate?
  - a) food flavours
  - b) cooking smells
  - c) cooking shows
  - d) cook books
- 7) How many cartridges does the screen use?
  - a) 8
  - b) 9
  - c) 10
  - d) 12
- 8) Where are restaurants the professor says we can sample tastes from?
  - a) the other side of the world
  - b) all over Japan
  - c) in cyberspace
  - d) in hotels
- 9) What was the taste a student sampled?
  - a) chocolate sauce
  - b) tuna fish
  - c) orange juice
  - d) spicy chicken
- 10) How much does the professor say the screen would cost?
  - a) under \$870
  - b) over \$870
  - c) exactly \$870
  - d) about \$870

# ROLE PLAY

From <https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

## **Role A – Potato Chips**

You think potato chips are the tastiest thing. Tell the others three reasons why. Tell them why their things aren't as tasty. Also, tell the others which is the least tasty of these (and why): blueberries, grilled fish or garlic.

## **Role B – Blueberries**

You think blueberries are the tastiest thing. Tell the others three reasons why. Tell them why their things aren't as tasty. Also, tell the others which is the least tasty of these (and why): potato chips, grilled fish or garlic.

## **Role C – Grilled Fish**

You think grilled fish is the tastiest thing. Tell the others three reasons why. Tell them why their things aren't as tasty. Also, tell the others which is the least tasty of these (and why): blueberries, potato chips or garlic.

## **Role D – Garlic**

You think garlic is the tastiest thing. Tell the others three reasons why. Tell them why their things aren't as tasty. Also, tell the others which is the least tasty of these (and why): blueberries, grilled fish or potato chips.

# AFTER READING / LISTENING

From <https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

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

<b>lick</b>	<b>screen</b>
-------------	---------------

- 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>• taste</li><li>• cooking</li><li>• professor</li><li>• Tokyo</li><li>• screen</li><li>• technology</li></ul>	<ul style="list-style-type: none"><li>• food</li><li>• printer</li><li>• cartridge</li><li>• sample</li><li>• experience</li><li>• restaurant</li></ul>
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# LICKABLE TV SURVEY

From <https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

Write five GOOD questions about lickable TV 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.

# LICKABLE TV 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 'lick'?
3. What do you think of cooking shows on TV?
4. What do you think of a lickable TV screen?
5. Would you like to send the taste of your cooking in an email?
6. Would a lickable screen make people hungrier?
7. Would you rather have a TV screen with tastes or smells?
8. How would TTTV help restaurants?
9. What three adjectives best describe this story?
10. Will we have smells in movie theatres one day?

*Japanese professor invents lickable TV screen – 30th December, 2021*  
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# LICKABLE TV 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 'screen'?
13. What do you think about what you read?
14. Do you like watching TV programmes about food?
15. What would we do to make the lickable screens hygienic?
16. What do you think of tasting what's on social media?
17. Will people on trains be licking their smartphone screens?
18. What would be the best taste to lick on a screen?
19. How might TTTV affect international travel?
20. What questions would you like to ask the professor?

## **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/2112/211230-lickable-tv.html>

Have you ever wanted to (1) \_\_\_\_\_ the delicious-looking food you see on cooking shows? Well, that wish has moved a step (2) \_\_\_\_\_. A professor in Japan has developed a prototype TV screen that you can (3) \_\_\_\_\_. It is called TTTV. This abbreviation means "Taste the TV". Professor Homei Miyashita from Meiji University in Tokyo created the screen. He said it could become "taste-a-vision". If he created a screen that (4) \_\_\_\_\_ smells, we could also have "smell-a-vision". Professor Miyashita wanted to create a screen (5) \_\_\_\_\_ gave a multisensory experience. He hopes his work means that screen technology can move on from just having pictures and sound to a screen that engages the (6) \_\_\_\_\_ of taste too.

Professor Miyashita said his screen can (7) \_\_\_\_\_ food flavours. It works a bit like an inkjet printer that uses different cartridges to create different colours. Instead (8) \_\_\_\_\_ ink, Miyashita's TTTV uses 10 different flavour cartridges. These (9) \_\_\_\_\_ a combination of flavours onto a hygienic film that is part of the TV screen. The TV viewer can then lick the screen to sample the taste. Professor Miyashita said: "The (10) \_\_\_\_\_ is to make it possible for people to have the experience of something like eating at a restaurant (11) \_\_\_\_\_ the other side of the world, even while staying at home." A student at Meiji University sampled a chocolate she saw on the screen. She said: "It's sweet (12) \_\_\_\_\_ a chocolate sauce." Miyashita said TTTV would cost about \$870.

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

- |     |             |               |             |             |
|-----|-------------|---------------|-------------|-------------|
| 1.  | (a) tasting | (b) tasty     | (c) taste   | (d) tasted  |
| 2.  | (a) closer  | (b) closed    | (c) closely | (d) closes  |
| 3.  | (a) lick    | (b) lack      | (c) luck    | (d) lock    |
| 4.  | (a) emits   | (b) omits     | (c) remits  | (d) commits |
| 5.  | (a) what    | (b) that      | (c) this    | (d) then    |
| 6.  | (a) tongue  | (b) nutrition | (c) savoury | (d) sense   |
| 7.  | (a) cope    | (b) copier    | (c) imitate | (d) copying |
| 8.  | (a) for     | (b) off       | (c) at      | (d) of      |
| 9.  | (a) spray   | (b) mist      | (c) aerosol | (d) whoosh  |
| 10. | (a) goal    | (b) try       | (c) hoop    | (d) set     |
| 11. | (a) as      | (b) on        | (c) under   | (d) end     |
| 12. | (a) fond    | (b) love      | (c) like    | (d) enjoy   |



# SPELLING

From <https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

## Paragraph 1

1. ciidoleus-looking food
2. developed a poyrtoetp TV screen
3. This niratobevaib means "Taste the TV"
4. a screen that metis smells
5. a umstsinerylo experience
6. eggnaes the sense of taste

## Paragraph 2

7. his screen can aittmie food flavours
8. uses different cegdatrrsi
9. spray a nbcniiatmoo of flavours
10. sepmal the taste
11. eating at a tnraasteur
12. like a aolochetc sauce

# PUT THE TEXT BACK TOGETHER

From <https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

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

- ( **1** ) Have you ever wanted to taste the delicious-looking food you see on cooking shows? Well, that wish has moved a step
- ( ) chocolate she saw on the screen. She said: "It's sweet like a chocolate sauce." Miyashita said TTTV would cost about \$870.
- ( ) flavour cartridges. These spray a combination of flavours onto a hygienic film that is part
- ( ) have "smell-a-vision". Professor Miyashita wanted to create a screen that gave a multisensory
- ( ) means "Taste the TV". Professor Homei Miyashita from Meiji University in Tokyo created
- ( ) is to make it possible for people to have the experience of something like eating at a
- ( ) just having pictures and sound to a screen that engages the sense of taste too.
- ( ) the screen. He said it could become "taste-a-vision". If he created a screen that emits smells, we could also
- ( ) restaurant on the other side of the world, even while staying at home." A student at Meiji University sampled a
- ( ) closer. A professor in Japan has developed a prototype TV screen that you can lick. It is called TTTV. This abbreviation
- ( ) of the TV screen. The TV viewer can then lick the screen to sample the taste. Professor Miyashita said: "The goal
- ( ) experience. He hopes his work means that screen technology can move on from
- ( ) Professor Miyashita said his screen can imitate food flavours. It works a bit like an inkjet
- ( ) printer that uses different cartridges to create different colours. Instead of ink, Miyashita's TTTV uses 10 different

# PUT THE WORDS IN THE RIGHT ORDER

From <https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

1. delicious-looking you shows . food Taste cooking on see
2. prototype can screen that A TV lick . you
3. created He emits screen that smells . a
4. means on . His screen work can move technology
5. sense A screen of that engages the taste .
6. a It printer . bit like works an inkjet
7. the screen . then viewer can lick The TV
8. on Restaurants of side world . other the the
9. chocolate she the sampled on screen . saw She
10. it's said sweet a chocolate She sauce . like

# CIRCLE THE CORRECT WORD (20 PAIRS)

From <https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

Have you ever wanted to taste the *delicious-looking* / *delicious-looked* food you see on cooking shows? Well, that wish has moved a *ladder* / *step* closer. A professor in Japan has developed a prototype TV screen that you can *lack* / *lick*. It is called TTTV. This abbreviation *meaning* / *means* "Taste the TV". Professor Homei Miyashita from Meiji University *in* / *on* Tokyo created the screen. He said it could *become* / *became* "taste-a-vision". If he created a screen that *omits* / *emits* smells, we could also have "smell-a-vision". Professor Miyashita wanted to *create* / *creative* a screen that gave a multisensory experience. He *hopes* / *hoping* his work means that screen technology can move *on* / *off* from just having pictures and sound to a screen that engages the sense of taste too.

Professor Miyashita said his screen can *mutate* / *imitate* food flavours. It works a *bit* / *but* like an inkjet printer that uses different cartridges *to* / *for* create different colours. Instead of ink, Miyashita's TTTV *use* / *uses* 10 different flavour cartridges. These spray a combination of flavours onto a hygienic film *what* / *that* is part of the TV screen. The TV viewer can then lick the screen to *sample* / *simple* the taste. Professor Miyashita said: "The goal is to make it possible for people to *having* / *have* the experience of something like eating at a restaurant *on* / *off* the other side of the world, even while *stay* / *staying* at home." A student at Meiji University sampled a chocolate she saw on the screen. She said: "It's sweet like a chocolate sauce." Miyashita said TTTV would *costly* / *cost* about \$870.

**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)

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H\_v\_ y\_\_ \_v\_r w\_nt\_d t\_ t\_st\_ th\_ d\_l\_c\_\_\_s-  
l\_\_k\_ng f\_\_d y\_\_ s\_\_ \_n c\_\_k\_ng sh\_ws? W\_ll, th\_t  
w\_sh h\_s m\_v\_d \_ st\_p cl\_s\_r. \_ pr\_f\_ss\_r \_n J\_p\_n  
h\_s d\_v\_l\_p\_d \_ pr\_t\_typ\_ TV scr\_\_n th\_t y\_\_ c\_n  
l\_ck. \_t \_s c\_ll\_d TTTV. Th\_s \_bbr\_v\_\_t\_\_n m\_\_ns  
"T\_st\_ th\_ TV". Pr\_f\_ss\_r H\_m\_\_ M\_y\_sh\_t\_ fr\_m M\_\_j\_  
\_n\_v\_rs\_ty \_n T\_ky\_ cr\_\_t\_d th\_ scr\_\_n. H\_ s\_\_d \_t  
c\_\_ld b\_c\_m\_ "t\_st\_--v\_s\_\_n". \_f h\_ cr\_\_t\_d \_ scr\_\_n  
th\_t \_m\_ts sm\_lls, w\_ c\_\_ld \_ls\_ h\_v\_ "sm\_ll--  
v\_s\_\_n". Pr\_f\_ss\_r M\_y\_sh\_t\_ w\_nt\_d t\_ cr\_\_t\_ \_  
scr\_\_n th\_t g\_v\_ \_ m\_lt\_s\_ns\_ry \_xp\_r\_\_nc\_. H\_ h\_p\_s  
h\_s w\_rk m\_\_ns th\_t scr\_\_n t\_chn\_l\_gy c\_n m\_v\_ \_n  
fr\_m j\_st h\_v\_ng p\_ct\_r\_s \_nd s\_\_nd t\_ \_ scr\_\_n th\_t  
\_ng\_g\_s th\_ s\_ns\_ \_f t\_st\_ t\_\_.

Pr\_f\_ss\_r M\_y\_sh\_t\_ s\_\_d h\_s scr\_\_n c\_n \_m\_t\_t\_  
f\_\_d fl\_v\_\_rs. \_t w\_rks \_ b\_t l\_k\_ \_n \_nkj\_t pr\_nt\_r  
th\_t \_s\_s d\_ff\_r\_nt c\_rtr\_dg\_s t\_ cr\_\_t\_ d\_ff\_r\_nt  
c\_l\_\_rs. \_nst\_\_d \_f \_nk, M\_y\_sh\_t\_'s TTTV \_s\_s 10  
d\_ff\_r\_nt fl\_v\_\_r c\_rtr\_dg\_s. Th\_s\_ spr\_y \_  
c\_mb\_n\_t\_\_n \_f fl\_v\_\_rs \_nt\_ \_ hyg\_\_n\_c fl\_m th\_t \_s  
p\_rt \_f th\_ TV scr\_\_n. Th\_ TV v\_\_w\_r c\_n th\_n l\_ck  
th\_ scr\_\_n t\_ s\_mpl\_ th\_ t\_st\_. Pr\_f\_ss\_r M\_y\_sh\_t\_  
s\_\_d: "Th\_ g\_\_l \_s t\_ m\_k\_ \_t p\_ss\_bl\_ f\_r p\_\_pl\_ t\_  
h\_v\_ th\_ \_xp\_r\_\_nc\_ \_f s\_m\_th\_ng l\_k\_ \_\_t\_ng \_t \_  
r\_st\_\_r\_nt \_n th\_ \_th\_r s\_d\_ \_f th\_ w\_rld, \_v\_n wh\_l\_  
st\_y\_ng \_t h\_m\_." \_ st\_d\_nt \_t M\_\_j\_ \_n\_v\_rs\_ty  
s\_mpl\_d \_ ch\_c\_l\_t\_ sh\_ s\_w \_n th\_ scr\_\_n. Sh\_ s\_\_d:  
"\_t's sw\_\_t l\_k\_ \_ ch\_c\_l\_t\_ s\_\_c\_." M\_y\_sh\_t\_ s\_\_d  
TTTV w\_\_ld c\_st \_b\_\_t \$870.

# PUNCTUATE THE TEXT AND ADD CAPITALS

From <https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

have you ever wanted to taste the delicious-looking food you see on cooking shows well that wish has moved a step closer a professor in japan has developed a prototype tv screen that you can lick it is called tttv this abbreviation means taste the tv professor homei miyashita from meiji university in tokyo created the screen he said it could become tasteavision if he created a screen that emits smells we could also have smellavision professor miyashita wanted to create a screen that gave a multisensory experience he hopes his work means that screen technology can move on from just having pictures and sound to a screen that engages the sense of taste too

professor miyashita said his screen can imitate food flavours it works a bit like an inkjet printer that uses different cartridges to create different colours instead of ink miyashita's tttv uses 10 different flavour cartridges these spray a combination of flavours onto a hygienic film that is part of the tv screen the tv viewer can then lick the screen to sample the taste professor miyashita said the goal is to make it possible for people to have the experience of something like eating at a restaurant on the other side of the world even while staying at home a student at meiji university sampled a chocolate she saw on the screen she said it's sweet like a chocolate sauce miyashita said tttv would cost about 870.

# PUT A SLASH ( / ) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2112/211230-lickable-tv.html>

Have you ever wanted to taste the delicious-looking food you see on cooking shows? Well, that wish has moved a step closer. A professor in Japan has developed a prototype TV screen that you can lick. It is called TTTV. This abbreviation means "Taste the TV". Professor Homei Miyashita from Meiji University in Tokyo created the screen. He said it could become "taste-a-vision". If he created a screen that emits smells, we could also have "smell-a-vision". Professor Miyashita wanted to create a screen that gave a multisensory experience. He hopes his work means that screen technology can move on from just having pictures and sound to a screen that engages the sense of taste too. Professor Miyashita said his screen can imitate food flavours. It works a bit like an inkjet printer that uses different cartridges to create different colours. Instead of ink, Miyashita's TTTV uses 10 different flavour cartridges. These spray a combination of flavours onto a hygienic film that is part of the TV screen. The TV viewer can then lick the screen to sample the taste. Professor Miyashita said: "The goal is to make it possible for people to have the experience of something like eating at a restaurant on the other side of the world, even while staying at home." A student at Meiji University sampled a chocolate she saw on the screen. She said: "It's sweet like a chocolate sauce." Miyashita said TTTV would cost about \$870.







# 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. LICKABLE TV:** Make a poster about lickable TV. Show your work to your classmates in the next lesson. Did you all have similar things?

**4. SENSE-O-VISION:** Write a magazine article about sense-o-vision replacing international travel TV. 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 lickable TV. Ask him/her three questions about it. Give him/her three of your opinions on it. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

# ANSWERS

## VOCABULARY (p.4)

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

## TRUE / FALSE (p.5)

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

## SYNONYM MATCH (p.5)

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

## COMPREHENSION QUESTIONS (p.9)

1. Cooking shows
2. Taste the TV
3. Tokyo, Japan
4. A multisensory experience
5. Pictures and sound
6. Food flavours
7. Ten
8. The other side of the world
9. Chocolate (sauce)
10. About \$870

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

1. Taste delicious-looking food you see on cooking shows.
2. A prototype TV screen that you can lick.
3. He created a screen that emits smells.
4. His work means screen technology can move on.
5. A screen that engages the sense of taste.
6. It works a bit like an inkjet printer.
7. The TV viewer can then lick the screen.
8. Restaurants on the other side of the world.
9. She sampled chocolate she saw on the screen.
10. She said it's sweet like a chocolate sauce.

## MULTIPLE CHOICE - QUIZ (p.10)

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

## ALL OTHER EXERCISES

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