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**Level 6 – 3rd July 2023**

## Microscopic handbag sells for \$63,000

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<https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

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

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# THE ARTICLE

From <https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

Miniaturization has been a pursuit of engineers and designers for decades. The trend to manufacture ever smaller products and devices has seen pocket-sized computers, mobile phones and motorbikes the size of a backpack. The latest thing to be downsized is a miniature handbag that is so small it can only be seen with the aid of a microscope. The New York-based art collective MSCHF has created a microscopic Louis Vuitton-inspired handbag. The makers say their creation is "smaller than a grain of sea salt and narrow enough to pass through the eye of a needle". It measures 657 by 222 by 700 micrometres. It has also just been sold for \$63,750 at an online auction.

The neon-green miniature was made using a high-tech manufacturing technique called two-photon polymerization. This technology uses 3D printers to make mechanical biotech components and devices like microfilters and micropumps. MSCHF utilized the technology to see how small they could make a handbag. Chief creative officer Kevin Wiesner told the New York Times that he had not asked Louis Vuitton for permission to use its logo on the handbag. He said: "We are big in the 'ask for forgiveness, not permission' school of thought." He added: "I think the bag is a funny object because it derives from something rigorously functional, but it has basically become jewellery."

Sources: <https://nypost.com/2023/06/29/microscopic-louis-vuitton-handbag-sells-for-over-63000-smaller-than-a-grain-of-salt/>  
<https://edition.cnn.com/2023/06/29/style/mschf-lv-microscopic-bag-auction/index.html>  
<https://www.dailymail.co.uk/femail/article-12247561/Bizarre-handbag-thats-smaller-grain-salt-sells-63K.html>

# WARM-UPS

**1. HANDBAGS:** Students walk around the class and talk to other students about handbags. 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?

miniaturization / engineers / designers / decades / backpack / microscope / handbag / 3D printer / biotech / permission / logo / forgiveness / functional / funny / jewellery

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

**3. SMALLER:** Students A **strongly** believe smaller is better; Students B **strongly** believe the opposite. Change partners again and talk about your conversations.

**4. MINIATURIZATION:** What is good and bad about these things being miniaturized or made smaller? Complete this table with your partner(s). Change partners often and share what you wrote.

	Good	Bad
Handbags		
Watches		
Trees		
Cars		
Books		
Vacuum cleaners		

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

**6. LOGOS:** Rank these with your partner. Put the best logos at the top. Change partners often and share your rankings.

- Louis Vuitton
- McDonald's
- Apple
- Nike
- Starbucks
- Ferrari
- Coca Cola
- Shell

# VOCABULARY MATCHING

## Paragraph 1

- |                    |  |
|--------------------|--|
| 1. miniaturization | a. An activity of a specified kind, especially a recreational or sporting one. |
| 2. pursuit         | b. A group of people working together in a project or enterprise.              |
| 3. decade          | c. Help, usually of a practical nature.  |
| 4. aid             | d. A period of 10 years.   |
| 5. collective      | e. The process of reducing things in size to a tinier and tinier scale.        |
| 6. grain           | f. The small hole in a needle through which the thread is passed.              |
| 7. eye             | g. A small hard particle of a substance such as sand, sugar or salt.           |

## Paragraph 2

- |                |  |
|----------------|--|
| 8. neon        | h. Get something from a specified source.  |
| 9. biotech     | i. Very bright or fluorescent in colour.   |
| 10. component  | j. The action of officially allowing someone to do a particular thing.             |
| 11. utilized   | k. In an extremely thorough and careful way.                                       |
| 12. permission | l. A part or element of a larger whole, especially a part of a machine or vehicle. |
| 13. derive     | m. Make practical and effective use of.  |
| 14. rigorously | n. The use of biological processes for industrial and other purposes.              |

# BEFORE READING / LISTENING

From <https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

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

1. The article says engineers have miniaturized things for centuries. **T / F**
2. Designers made a motorbike with its own backpack. **T / F**
3. You need a microscope to see the tiny handbag. **T / F**
4. The handbag is a little smaller than a grain of sand. **T / F**
5. Engineers used three-photon polymerization to make the handbag. **T / F**
6. The same technology is used to make micropumps. **T / F**
7. The designers did not ask for permission to use a logo. **T / F**
8. A company spokesperson likened the handbag to jewellery. **T / F**

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

- |                       |                |
|-----------------------|----------------|
| 1. <b>pursuit</b>     | a. originates  |
| 2. <b>trend</b>       | b. design      |
| 3. <b>miniature</b>   | c. tendency    |
| 4. <b>aid</b>         | d. made use of |
| 5. <b>creation</b>    | e. assistance  |
| 6. <b>technique</b>   | f. activity    |
| 7. <b>components</b>  | g. practical   |
| 8. <b>utilized</b>    | h. method      |
| 9. <b>derives</b>     | i. scaled-down |
| 10. <b>functional</b> | j. parts       |

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

- |   |                          |
|---|--------------------------|
| 1. a pursuit of engineers and designers | a. 3D printers           |
| 2. The trend to manufacture             | b. to be downsized       |
| 3. The latest thing                     | c. the eye of a needle   |
| 4. smaller than a                       | d. thought               |
| 5. narrow enough to pass through        | e. grain of sea salt     |
| 6. The neon-                            | f. become jewellery      |
| 7. This technology uses                 | g. for decades           |
| 8. permission                           | h. green miniature       |
| 9. school of                            | i. to use its logo       |
| 10. it has basically                    | j. ever smaller products |

# GAP FILL

From <https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

Miniaturization has been a (1) \_\_\_\_\_ of engineers and designers for decades. The trend to manufacture ever smaller products and (2) \_\_\_\_\_ has seen pocket-sized computers, mobile phones and motorbikes the size of a (3) \_\_\_\_\_. The latest thing to be downsized is a miniature handbag that is so small it can only be seen with the (4) \_\_\_\_\_ of a microscope. The New York-based art collective MSCHF has created a microscopic Louis Vuitton- (5) \_\_\_\_\_ handbag. The makers say their creation is "smaller than a (6) \_\_\_\_\_ of sea salt and narrow enough to pass through the (7) \_\_\_\_\_ of a needle". It measures 657 by 222 by 700 micrometres. It has also just been sold for \$63,750 at an (8) \_\_\_\_\_ auction.

*inspired*  
*devices*  
*online*  
*backpack*  
*grain*  
*pursuit*  
*aid*  
*eye*

The neon-green (9) \_\_\_\_\_ was made using a high-tech manufacturing technique called two-photon polymerization. This (10) \_\_\_\_\_ uses 3D printers to make mechanical biotech components and devices like microfilters and micropumps. MSCHF (11) \_\_\_\_\_ the technology to see how small they could make a handbag. Chief (12) \_\_\_\_\_ officer Kevin Wiesner told the New York Times that he had not asked Louis Vuitton for (13) \_\_\_\_\_ to use its logo on the handbag. He said: "We are big in the 'ask for forgiveness, not permission' school of (14) \_\_\_\_\_." He added: "I think the bag is a funny object because it (15) \_\_\_\_\_ from something rigorously functional, but it has (16) \_\_\_\_\_ become jewellery."

*permission*  
*technology*  
*derives*  
*creative*  
*thought*  
*miniature*  
*utilized*  
*basically*

# LISTENING – Guess the answers. Listen to check.

From <https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

- 1) Miniaturization has been a pursuit of engineers and \_\_\_\_\_
  - a. designers for decadence
  - b. designers for deck aid
  - c. designers for decade
  - d. designers for decades
- 2) The trend to manufacture ever smaller \_\_\_\_\_
  - a. products and devises
  - b. products and derides
  - c. products and devices
  - d. products and the vices
- 3) a miniature handbag that is so small it can only be seen \_\_\_\_\_
  - a. wither the aid
  - b. within aid
  - c. with the aid
  - d. wit the aid
- 4) MSCHF has created a microscopic Louis \_\_\_\_\_
  - a. Vuitton-respired handbag
  - b. Vuitton-inspired handbag
  - c. Vuitton-conspired handbag
  - d. Vuitton-perspired handbag
- 5) smaller than a grain of sea salt and narrow enough to pass through the eye \_\_\_\_\_
  - a. of a needy
  - b. of a needle
  - c. of a need-all
  - d. of a knead all
- 6) The neon-green miniature was made using a high-\_\_\_\_\_
  - a. tech manufacturing technique
  - b. tech manufacturing technical
  - c. tech manufacturing tech niche
  - d. tech manufacturing tech nick
- 7) This technology uses 3D printers to make \_\_\_\_\_
  - a. mechanical biotech components
  - b. mechanical biotech componentry
  - c. mechanical biotech con pine nuts
  - d. mechanical biotech compo mints
- 8) told the New York Times that he had not asked Louis Vuitton for permission to \_\_\_\_\_
  - a. use its logo
  - b. use it slow-go
  - c. use its slow-go
  - d. use its low go
- 9) We are big in the 'ask for forgiveness, not permission' \_\_\_\_\_
  - a. school of fought
  - b. school of thoughts
  - c. school of thought
  - d. school of thawed
- 10) I think the bag is a funny object because it derives from \_\_\_\_\_
  - a. something rigorous ill-functional
  - b. something rigorously functionally
  - c. something rigorously functional
  - d. something rigorously function all

# LISTENING – Listen and fill in the gaps

From <https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

Miniaturization has been (1) \_\_\_\_\_ engineers and designers for decades. The trend to manufacture ever smaller products and (2) \_\_\_\_\_ pocket-sized computers, mobile phones and motorbikes the size of a backpack. The latest thing to (3) \_\_\_\_\_ a miniature handbag that is so small it can only be seen with the aid of a microscope. The New York-based art collective MSCHF has created a microscopic Louis Vuitton-inspired handbag. The makers say their creation is "smaller (4) \_\_\_\_\_ of sea salt and narrow enough to pass through the eye (5) \_\_\_\_\_". It measures 657 by 222 by 700 micrometres. It has also just been sold for \$63,750 at (6) \_\_\_\_\_.

The (7) \_\_\_\_\_ was made using a high-tech manufacturing technique called two-photon polymerization. This technology uses 3D printers to (8) \_\_\_\_\_ components and devices like microfilters and micropumps. MSCHF utilized the technology to see how small they could make a handbag. Chief creative officer Kevin Wiesner told the New York Times that he had not asked Louis Vuitton for permission to use (9) \_\_\_\_\_ the handbag. He said: "We are big in the 'ask for forgiveness, not permission' (10) \_\_\_\_\_." He added: "I think the bag is a funny object because (11) \_\_\_\_\_ something rigorously functional, but it has (12) \_\_\_\_\_."



# COMPREHENSION QUESTIONS

From <https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

1. For how long have engineers been trying to miniaturize things?
2. What have designers made that is the size of a backpack?
3. What do people need to be able to see the handbag?
4. What do the handbag's makers say the handbag is smaller than?
5. What is the handbag small enough to pass through?
6. What colour is the handbag?
7. What components do 3D printers make with two-photon polymerization?
8. What is the job title of Kevin Wiesner?
9. What did the design company not ask Louis Vuitton for?
10. What did Kevin Wiesner say the handbag has become?

# MULTIPLE CHOICE - QUIZ

From <https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

- 1) For how long have engineers been trying to miniaturize things?
  - a) years and years
  - b) centuries
  - c) decades
  - d) millennia
- 2) What have designers made that is the size of a backpack?
  - a) motorbikes
  - b) cars
  - c) kitchens
  - d) homes
- 3) What do people need to be able to see the handbag?
  - a) glasses
  - b) a microscope
  - c) money
  - d) permission
- 4) What do the handbag's makers say the handbag is smaller than?
  - a) a grain of truth
  - b) a grain of sand
  - c) a grain of sugar
  - d) a grain of sea salt
- 5) What is the handbag small enough to pass through?
  - a) the eye of a storm
  - b) the eye of a hurricane
  - c) the eye of a needle
  - d) the eye of a tiger
- 6) What colour is the handbag?
  - a) blood red
  - b) neon green
  - c) sky blue
  - d) hot pink
- 7) What components do 3D printers make with two-photon polymerization?
  - a) microfilters and macropumps
  - b) macrofilters and macropumps
  - c) macrofilters and micropumps
  - d) microfilters and micropumps
- 8) What is the job title of Kevin Wiesner?
  - a) chief design officer
  - b) chief creative officer
  - c) chief logo officer
  - d) chief handbag officer
- 9) What did the design company not ask Louis Vuitton for?
  - a) money
  - b) permission to use its logo
  - c) cooperation
  - d) ideas
- 10) What did Kevin Wiesner say the handbag has become?
  - a) jewellery
  - b) art
  - c) trendy
  - d) much sought after

# ROLE PLAY

From <https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

## **Role A – Louis Vuitton**

You think Louis Vuitton has the best logo. Tell the others three reasons why. Tell them what is wrong with their logos. Also, tell the others which is the least effective of these (and why): McDonald's, Apple or Coca Cola.

## **Role B – McDonald's**

You think McDonald's has the best logo. Tell the others three reasons why. Tell them what is wrong with their logos. Also, tell the others which is the least effective of these (and why): Louis Vuitton, Apple or Coca Cola.

## **Role C – Apple**

You think Apple has the best logo. Tell the others three reasons why. Tell them what is wrong with their logos. Also, tell the others which is the least effective of these (and why): McDonald's, Louis Vuitton or Coca Cola.

## **Role D – Coca Cola**

You think Coca Cola has the best logo. Tell the others three reasons why. Tell them what is wrong with their logos. Also, tell the others which is the least effective of these (and why): McDonald's, Apple or Louis Vuitton.

# AFTER READING / LISTENING

From <https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

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

<b>microscopic</b>	<b>handbag</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>• pursuit</li><li>• trend</li><li>• size</li><li>• art</li><li>• pass</li><li>• sold</li></ul>	<ul style="list-style-type: none"><li>• neon</li><li>• 3D</li><li>• small</li><li>• logo</li><li>• school</li><li>• funny</li></ul>
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# MINIATURIZATION SURVEY

From <https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

Write five GOOD questions about miniaturization 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.

# MINIATURIZATION 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 'miniature'?
3. What do you think of miniaturization?
4. How important are engineers?
5. Which of the things you use are smaller now than they were in the past?
6. Would you like smartphones to be made smaller?
7. How useful is a miniature handbag?
8. Why would someone pay \$63,000 for the miniature handbag?
9. What do you think of expensive brands?
10. What kinds of bags do you like?

*Microscopic handbag sells for \$63,000 – 3rd July 2023*  
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# MINIATURIZATION 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 'handbag'?
13. What do you think about what you read?
14. What do you know about 3D printers?
15. What do you think of technology?
16. Should the designer have asked for permission to use the logo?
17. How creative are you?
18. An economist once said 'small is beautiful'. Do you agree?
19. Is the handbag a bag or is it jewellery?
20. What questions would you like to ask the designers?

# 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/2307/230703-microscopic-handbag.html>

Miniaturization has been a (1) \_\_\_\_\_ of engineers and designers for decades. The (2) \_\_\_\_\_ to manufacture ever smaller products and devices has seen pocket-sized computers, mobile phones and motorbikes the size of a backpack. The latest thing to be downsized is a miniature handbag that is so small it can only be seen with the (3) \_\_\_\_\_ of a microscope. The New York-based art (4) \_\_\_\_\_ MSCHF has created a microscopic Louis Vuitton-inspired handbag. The makers say their creation is "smaller than a (5) \_\_\_\_\_ of sea salt and narrow enough to pass through the (6) \_\_\_\_\_ of a needle". It measures 657 by 222 by 700 micrometres. It has also just been sold for \$63,750 at an online auction.

The neon-green (7) \_\_\_\_\_ was made using a high-tech manufacturing technique called two-photon polymerization. This technology uses 3D printers to make mechanical biotech components and devices like microfilters and micropumps. MSCHF utilized the technology to (8) \_\_\_\_\_ how small they could make a handbag. Chief creative officer Kevin Wiesner told the New York Times that he had not asked Louis Vuitton (9) \_\_\_\_\_ permission to use its logo on the handbag. He said: "We are big (10) \_\_\_\_\_ the 'ask for forgiveness, not permission' school of (11) \_\_\_\_\_." He added: "I think the bag is a funny object because it (12) \_\_\_\_\_ from something rigorously functional, but it has basically become jewellery."

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

- |     |                |                 |                   |               |
|-----|----------------|-----------------|-------------------|---------------|
| 1.  | (a) purser     | (b) pursuit     | (c) virtual       | (d) augmented |
| 2.  | (a) frond      | (b) trend       | (c) blend         | (d) bland     |
| 3.  | (a) charity    | (b) benevolence | (c) assist        | (d) aid       |
| 4.  | (a) corrective | (b) collective  | (c) collaborative | (d) collated  |
| 5.  | (a) pod        | (b) grain       | (c) seed          | (d) stone     |
| 6.  | (a) pupil      | (b) lens        | (c) eye           | (d) iris      |
| 7.  | (a) mini       | (b) mini-me     | (c) miniature     | (d) minimal   |
| 8.  | (a) gaze       | (b) look        | (c) see           | (d) stare     |
| 9.  | (a) as         | (b) by          | (c) to            | (d) for       |
| 10. | (a) at         | (b) by          | (c) as            | (d) in        |
| 11. | (a) thought    | (b) thinks      | (c) think         | (d) thinker   |
| 12. | (a) deprives   | (b) derides     | (c) derives       | (d) depraves  |



# SPELLING

From <https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

## Paragraph 1

1. a piruuts of engineers
2. ever smaller products and cdivees
3. a tinuierma handbag
4. Louis Vuitton-rpnside handbag
5. pass through the eye of a ldneee
6. at an online iucnato

## Paragraph 2

7. a high-tech manufacturing tuheienqc
8. mechanical biotech onpcnsmteo
9. MSCHF uldiietz the technology
10. opsmrensii to use its logo
11. ask for gnirsevsfoe
12. it derives from something rirlouoygs functional

# PUT THE TEXT BACK TOGETHER

From <https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

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

- ( ) be seen with the aid of a microscope. The New York-based art collective MSCHF has
- ( ) smaller products and devices has seen pocket-sized computers, mobile phones and motorbikes the size
- ( ) polymerization. This technology uses 3D printers to make mechanical biotech components
- ( ) make a handbag. Chief creative officer Kevin Wiesner told the New York Times that he had not asked Louis Vuitton for
- ( ) from something rigorously functional, but it has basically become jewellery."
- ( ) grain of sea salt and narrow enough to pass through the eye of a needle". It measures 657
- ( **1** ) Miniaturization has been a pursuit of engineers and designers for decades. The trend to manufacture ever
- ( ) not permission' school of thought." He added: "I think the bag is a funny object because it derives
- ( ) and devices like microfilters and micropumps. MSCHF utilized the technology to see how small they could
- ( ) by 222 by 700 micrometres. It has also just been sold for \$63,750 at an online auction.
- ( ) of a backpack. The latest thing to be downsized is a miniature handbag that is so small it can only
- ( ) permission to use its logo on the handbag. He said: "We are big in the 'ask for forgiveness,
- ( ) created a microscopic Louis Vuitton-inspired handbag. The makers say their creation is "smaller than a
- ( ) The neon-green miniature was made using a high-tech manufacturing technique called two-photon

# PUT THE WORDS IN THE RIGHT ORDER

From <https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

1. of Miniaturization engineers . a long been pursuit has
2. to trend manufacture The ever smaller products .
3. seen be can only a It through microscope .
4. a grain than smaller salt . sea It's of
5. through a eye of the needle . Pass
6. was a made technique . It high-tech manufacturing using
7. printers to mechanical 3D components . Use biotech make
8. a how could they See make small handbag .
9. its logo on to Permission use handbag . the
10. from derives functional . rigorously something It

# CIRCLE THE CORRECT WORD (20 PAIRS)

From <https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

Miniaturization has been a *persist / pursuit* of engineers and designers for decades. The *trend / tend* to manufacture ever smaller products and devices has *been / seen* pocket-sized computers, mobile phones and motorbikes the size of a backpack. The *latest / earliest* thing to be downsized is a miniature handbag that is so small it can only be seen with the *assist / aid* of a microscope. The New York-based art *corrective / collective* MSCHF has created a *macroscopic / microscopic* Louis Vuitton-inspired handbag. The makers say their creation is "smaller than a *grain / granule* of sea salt and narrow enough to pass through the *ear / eye* of a needle". It measures 657 by 222 by 700 micrometres. It has also just been sold for \$63,750 at an online *action / auction*.

The neon-green miniature was made *uses / using* a high-tech manufacturing technique called two-photon polymerization. This technology *using / uses* 3D printers to make mechanical biotech components and *devises / devices* like microfilters and micropumps. MSCHF *utilities / utilized* the technology to see how *smaller / small* they could make a handbag. Chief creative officer Kevin Wiesner told the New York Times that he had not asked Louis Vuitton *for / from* permission to use its logo on the handbag. He said: "We are *giant / big* in the 'ask for forgiveness, not permission' school of *thinker / thought*." He added: "I think the bag is a funny *subject / object* because it derives from something rigorously functional, but it has *basically / basics* become jewellery."

**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)

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M\_n\_\_t\_r\_z\_t\_\_n h\_s b\_\_n \_ p\_rs\_\_t \_f \_ng\_n\_\_rs \_nd  
d\_s\_gn\_rs f\_r d\_c\_d\_s. Th\_ tr\_nd t\_ m\_n\_f\_ct\_r\_ \_v\_r  
sm\_ll\_r pr\_d\_cts \_nd d\_v\_c\_s h\_s s\_\_n p\_ck\_t-s\_z\_d  
c\_m\_p\_t\_rs, m\_b\_l\_ ph\_n\_s \_nd m\_t\_rb\_k\_s th\_ s\_z\_ \_f  
\_ b\_ckp\_ck. Th\_ l\_t\_st th\_ng t\_ b\_ d\_wns\_z\_d \_s \_  
m\_n\_\_t\_r\_ h\_ndb\_g th\_t \_s s\_ sm\_ll \_t c\_n \_nly b\_  
s\_\_n w\_th th\_ \_\_d \_f \_ m\_cr\_sc\_p\_. Th\_ N\_w Y\_rk-  
b\_s\_d \_rt c\_ll\_ct\_v\_ MSCHF h\_s cr\_\_t\_d \_ m\_cr\_sc\_p\_c  
L\_\_s V\_\_tt\_n-\_nsp\_r\_d h\_ndb\_g. Th\_ m\_k\_rs s\_y th\_\_r  
cr\_\_t\_\_n \_s "sm\_ll\_r th\_n \_ gr\_\_n \_f s\_\_ s\_lt \_nd  
n\_rr\_w \_n\_\_gh t\_ p\_ss thr\_\_gh th\_ \_y\_ \_f \_ n\_\_dl".  
\_t m\_\_s\_r\_s 657 by 222 by 700 m\_cr\_m\_tr\_s. \_t h\_s  
\_ls\_ j\_st b\_\_n s\_ld f\_r \$63,750 \_t \_n \_nl\_n\_ \_\_ct\_\_n.

Th\_ n\_\_n-gr\_\_n m\_n\_\_t\_r\_ w\_s m\_d\_ \_s\_ng \_ h\_gh-  
t\_ch m\_n\_f\_ct\_r\_ng t\_chn\_q\_\_ c\_ll\_d tw\_-ph\_t\_n  
p\_lym\_r\_z\_t\_\_n. Th\_s t\_chn\_l\_gy \_s\_s 3D pr\_nt\_rs t\_  
m\_k\_ m\_ch\_n\_c\_l b\_\_t\_ch c\_m\_p\_n\_nts \_nd d\_v\_c\_s l\_k\_  
m\_cr\_f\_lt\_rs \_nd m\_cr\_p\_mps. MSCHF \_t\_l\_z\_d th\_  
t\_chn\_l\_gy t\_ s\_\_ h\_w sm\_ll th\_y c\_\_ld m\_k\_ \_  
h\_ndb\_g. Ch\_\_f cr\_\_t\_v\_ \_ff\_c\_r K\_v\_n W\_\_sn\_r t\_ld  
th\_ N\_w Y\_rk T\_m\_s th\_t h\_ h\_d n\_t \_sk\_d L\_\_s  
V\_\_tt\_n f\_r p\_rm\_ss\_\_n t\_ \_s\_ \_ts l\_g\_ \_n th\_  
h\_ndb\_g. H\_ s\_\_d: "W\_ \_r\_ b\_g \_n th\_ '\_sk f\_r  
f\_rg\_v\_n\_ss, n\_t p\_rm\_ss\_\_n' sch\_\_l \_f th\_\_ght." H\_  
\_dd\_d: "\_ th\_nk th\_ b\_g \_s \_ f\_nny \_bj\_ct b\_c\_\_s\_ \_t  
d\_r\_v\_s fr\_m s\_m\_th\_ng r\_g\_r\_\_sly f\_nct\_\_n\_l, b\_t \_t  
h\_s b\_s\_c\_lly b\_c\_m\_ j\_w\_ll\_ry."

# PUNCTUATE THE TEXT AND ADD CAPITALS

From <https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

miniaturization has been a pursuit of engineers and designers for decades the trend to manufacture ever smaller products and devices has seen pocket-sized computers mobile phones and motorbikes the size of a backpack the latest thing to be downsized is a miniature handbag that is so small it can only be seen with the aid of a microscope the New York-based art collective msCHF has created a microscopic Louis Vuitton-inspired handbag the makers say their creation is smaller than a grain of sea salt and narrow enough to pass through the eye of a needle it measures 657 by 222 by 700 micrometres it has also just been sold for 63,750 at an online auction

The neon-green miniature was made using a high-tech manufacturing technique called two-photon polymerization this technology uses 3D printers to make mechanical biotech components and devices like microfilters and micropumps msCHF utilized the technology to see how small they could make a handbag chief creative officer Kevin Wiesner told the New York Times that he had not asked Louis Vuitton for permission to use its logo on the handbag he said we are big in the ask for forgiveness not permission school of thought he added I think the bag is a funny object because it derives from something rigorously functional but it has basically become jewellery

# PUT A SLASH ( / ) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2307/230703-microscopic-handbag.html>

Miniaturization has been a pursuit of engineers and designers for decades. The trend to manufacture ever smaller products and devices has seen pocket-sized computers, mobile phones and motorbikes the size of a backpack. The latest thing to be downsized is a miniature handbag that is so small it can only be seen with the aid of a microscope. The New York-based art collective MSCHF has created a microscopic Louis Vuitton-inspired handbag. The makers say their creation is "smaller than a grain of sea salt and narrow enough to pass through the eye of a needle". It measures 657 by 222 by 700 micrometres. It has also just been sold for \$63,750 at an online auction. The neon-green miniature was made using a high-tech manufacturing technique called two-photon polymerization. This technology uses 3D printers to make mechanical biotech components and devices like microfilters and micropumps. MSCHF utilized the technology to see how small they could make a handbag. Chief creative officer Kevin Wiesner told the New York Times that he had not asked Louis Vuitton for permission to use its logo on the handbag. He said: "We are big in the 'ask for forgiveness, not permission' school of thought." He added: "I think the bag is a funny object because it derives from something rigorously functional, but it has basically become jewellery."







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

**4. DESIGNER GOODS:** Write a magazine article about designer goods. 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 miniaturization. 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. a    3. d    4. c    5. b    6. g    7. f  
8. i    9. n    10. l    11. m    12. j    13. h    14. k

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

## COMPREHENSION QUESTIONS (p.9)

- Decades
- Motorbikes
- A microscope
- A grain of sea salt
- The eye of a needle
- Neon-green
- Microfilters and micropumps
- Chief creative officer
- Permission to use its logo
- Jewellery

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

- Miniaturization has long been a pursuit of engineers.
- The trend to manufacture ever smaller products.
- It can only be seen through a microscope.
- It's smaller than a grain of sea salt.
- Pass through the eye of a needle.
- It was made using a high-tech manufacturing technique.
- Use 3D printers to make mechanical biotech components.
- See how small they could make a handbag.
- Permission to use its logo on the handbag.
- It derives from something rigorously functional.

## MULTIPLE CHOICE - QUIZ (p.10)

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

## ALL OTHER EXERCISES

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