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### Level 3 - 27th February 2025

## Fog harvesting could provide water for dry cities

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https://breakingnewsenglish.com/2502/250227-fog-harvesting.html

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

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#### THE ARTICLE

From <a href="https://breakingnewsenglish.com/2502/250227-fog-harvesting.html">https://breakingnewsenglish.com/2502/250227-fog-harvesting.html</a>

Many regions in the world have very little rain. It is a daily challenge for people to get water. Scientists have found a new way that could help some of the driest towns and cities in the world. Capturing water from fog could provide drinking water to millions of people. Researchers in Chile have been studying how fog harvesting could help to collect water. Fog harvesting is a simple process. Water from fog is collected on large mesh screens that are hung between poles. When fog and clouds pass through the screens, droplets of water stick to the mesh. This water then drips into pipes below the screens and ends up in storage tanks. It is a cheap and easy way of collecting water in dry areas.

The researchers are from Universidad Mayor, a private university in the capital city Santiago. They have been testing fog harvesting in the desert town of Alto Hospicio. The town gets an average of less than 5 mm of rainfall a year. Many people who live there get their drinking water delivered by truck. Researcher Dr Virginia Carter Gamberini said fog harvesting could bring a "new era" to the town. She said her research "represents a notable shift in the perception of fog water use - from a rural, rather small-scale solution to a practical water resource for cities". She added: "Water from the clouds could enhance our cities' resilience to climate change, while improving access to clean water."

Sources: https://www.eurekalert.org/news-releases/1072950

https://www.sciencenews.org/article/fog-collection-water-stress-desert

https://gizmodo.com/star-wars-style-foq-collectors-could-provide-water-to-the-worlds-driest-

cities-2000564828

#### **WARM-UPS**

- **1. FOG AND WATER:** Students walk around the class and talk to other students about fog and water. 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?

regions / rain / challenge / drinking water / fog / mesh / clouds / storage tanks / dry / researchers / capital city / desert / era / rural / solution / resource / climate change

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

- **3. RAINY PLACES:** Students A **strongly** believe people who live in places with little rain should move to places where it rains; Students B **strongly** believe the opposite. Change partners again and talk about your conversations.
- **4. REGIONS:** What are the good and bad things about living in these regions? Complete this table with your partner(s). Change partners often and share what you wrote.

	Good things	Bad things
Desert		
Rainforest		
Mountain top		
Beach		
Riverside		
Arctic tundra		

- **5. DRY:** Spend one minute writing down all of the different words you associate with the word "dry". Share your words with your partner(s) and talk about them. Together, put the words into different categories.
- **6. WEATHER:** Rank these with your partner. Put the worst weather at the top. Change partners often and share your rankings.
  - Fog
  - Heavy rain
  - Hurricanes
  - Heatwaves

- Heavy snow
- · Sleet and hail
- Dust storm
- Drought

#### **VOCABULARY MATCHING**

#### Paragraph 1

- 1. regions a. Taking and keeping something.
- 2. daily b. Very small drops of liquid.
- 3. capturing c. Large areas of land, like parts of a country or the world.
- 4. process d. Happening every day.
- 5. mesh e. A series of steps to do something.
- 6. droplets f. Material made of many small holes, like a net.
- 7. ends up g. Finally goes to a place or situation.

#### Paragraph 2

- 8. capital city h. A change from one thing to another.
- 9. desert i. The most important city in a country, where the government is.
- 10. delivered j. A long period of time in history.
- 11. era k. How someone understands or sees something.
- 12. shift I. A very dry place with little rain and few plants.
- 13. perception m. The ability to be strong and recover from problems.
- 14. resilience n. Brought to a place by someone.

## **BEFORE READING / LISTENING**

From <a href="https://breakingnewsenglish.com/2502/250227-fog-harvesting.html">https://breakingnewsenglish.com/2502/250227-fog-harvesting.html</a>

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

- 1. The article says most regions in the world will get very little rain. **T/F**
- 2. It is easy to collect water by using fog harvesting. **T/F**
- 3. With fog harvesting, water sticks to poles that hang between screens. T/F
- 4. Fog harvesting is an expensive way of collecting water. **T/F**
- 5. The fog harvesting experiment took place in the capital city of Chile. **T/F**
- 6. Many people in the town of Alto Hospicio get water from a truck. **T / F**
- 7. A researcher said fog harvesting could help cities one day. **T/F**
- 8. Fog harvesting could be useful to protect us against climate change. **T/F**

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

- 1. regions
- 2. challenge
- 3. provide
- 4. collect
- 5. cheap
- 6. testing
- 7. delivered
- 8. era
- 9. rural
- 10. improving

- a. age
- b. gather
- c. trialling
- d. problem
- e. countryside
- f. inexpensive
- g. areas
- h. making better
- i. give
- j. brought

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

- 1. Many regions in the world
- 2. provide drinking water
- 3. Fog harvesting is a simple
- 4. This water then drips
- 5. It is a cheap and easy way of collecting
- 6. in the capital
- 7. The town gets an average of
- 8. get their drinking water delivered
- 9. a practical water resource
- 10. improving access

- a. water in dry areas
- b. to clean water
- c. have very little rain
- d. less than 5 mm of rainfall
- e. city Santiago
- f. process
- g. for cities
- h. to millions of people
- i. into pipes below
- j. by truck

### **GAP FILL**

Many (1) in the world have very little rain.	provide
It is a daily challenge for people to get water. Scientists have	large
found a new way that could help some of the	pipes
towns and cities in the world.	
Capturing water from fog could (3)	driest
drinking water to millions of people. Researchers in Chile have	collect
been studying how fog harvesting could help to  (4) water. Fog harvesting is a simple	easy
process. Water from fog is collected on (5)	regions
mesh screens that are hung between poles. When fog and clouds pass through the screens, (6) of water stick to the mesh. This water then drips into below the screens and ends up in	droplets
storage tanks. It is a cheap and (8) way of	
collecting water in dry areas.	
The researchers are from Universidad Mayor, a private university	era
in the (9) city Santiago. They have been	capital
testing fog harvesting in the (10) town of	·
Alto Hospicio. The town gets an average of less than 5 mm of	improving
rainfall a (11) Many people who live there	year
get their drinking water (12) by truck.	clouds
Researcher Dr Virginia Carter Gamberini said fog harvesting could	rural
bring a "new (13)" to the town. She said	
her research "represents a notable shift in the perception of fog	delivered
water use - from a (14), rather small-scale	desert
solution to a practical water resource for cities". She added:	
"Water from the (15) could enhance our	
cities' resilience to climate change, while	

## **LISTENING** — Guess the answers. Listen to check.

1)	Many regions in the world have a. very few rainy b. very little rained
2)	c. very little rain d. very small rain a new way that could help some of a. the driest towns
	<ul><li>b. the dry yeast towns</li><li>c. them driest towns</li><li>d. the driest townies</li></ul>
3)	Capturing water from fog could provide drinking water to  a. millions off people  b. millions oft people  c. millions of people  d. millions soft people
4)	Fog harvesting is a. a simple protest b. a simple processed c. a simple progress d. a simple process
5)	This water then drips into pipes below the screens and ends up a. in storage tanks b. in stored tanks c. in-store rage tanks d. in store rage tanks
6)	The researchers are from Universidad Mayor, a private university in  a. the capitals city  b. the capital city  c. a capital city  d. then capital city
	The town gets an average of less than 5 mm of  a. rain fell a year  b. rainfall a year  c. rain falls a year  d. rainfall the year
8)	Dr Virginia Carter Gamberini said fog harvesting could bring a. a new ear b. a new wearer c. a new war d. a new era
9)	a notable shift in the perception of fog water use, from a rural, rather a. small-shale solution b. small-scale solution c. small-snail solution d. small-school solution
10	enhance our cities' resilience to climate change,
	a. while improving access
	b. while improving excess
	c. while improve in access d. while improved in access

## **LISTENING** – Listen and fill in the gaps

Many regions in the world have (1)	It is a
daily challenge for people to get water. Scientists have found a new	way that
could help some of (2) and cities in t	he world.
Capturing water from fog could provide drinking water to millions of	of people.
Researchers in Chile have (3) fog h	arvesting
could help to collect water. Fog harvesting is a simple process. Wa	ater from
fog is collected on large mesh screens that	at are
(4) When fog and clouds pass thr	ough the
screens, (5) stick to the mesh. The	nis water
then drips into pipes below the screens and ends up in storage tank	ks. It is a
(6) way of collecting water in dry are	as.
The researchers are from Universidad Mayor, a private universidation of the desert town of Alto Hospicio. The to less than 5 mm of rainfall a year people who live there get their drinking (9) Researcher Dr Virginia Carter (9)	sting fog wn gets ear. Many water
said fog harvesting could bring a "new era" to the town. She	said her
research "represents (10) in the perc	eption of
fog water use - from a rural, rather small-(11)	
a practical water resource for cities". She added: "Water from the	ne clouds
could enhance our cities' resilience to climate change, while i	mproving
(12) water."	

## **COMPREHENSION QUESTIONS**

1.	According to the article, what has very little rain?
2.	How many people could be helped by fog harvesting?
3.	What kind of screens does fog harvesting use to capture water?
4.	What sticks to the screens?
5.	Where does the water from fog harvesting end up?
6.	In what kind of town did researchers test fog harvesting?
7.	How much rainfall does the town get each year?
8.	What did a researcher say fog harvesting could bring to the town?
9.	Where could fog harvesting provide a practical water resource?
10.	What could fog harvesting provide resilience to?

## **MULTIPLE CHOICE - QUIZ**

- 1) According to the article, what has very little rain?
- a) many regions of the world
- b) the northern hemisphere
- c) South America
- d) large cities
- 2) How many people could be helped by fog harvesting?
- a) tens of millions
- b) billions
- c) millions
- d) hundreds of thousands
- 3) What kind of screens does fog harvesting use to capture water?
- a) waterproof screens
- b) mesh screens
- c) cotton screens
- d) high-tech screens
- 4) What sticks to the screens?
- a) thick fog
- b) oxygen
- c) rain
- d) droplets of water
- 5) Where does the water from fog harvesting end up?
- a) in storage tanks
- b) in rivers
- c) in people's baths
- d) in the toilet

- 6) In what kind of town did researchers test fog harvesting?
- a) a busy town
- b) a mountaintop town
- c) a coastal town
- d) a desert town
- 7) How much rainfall does the town get each year?
- a) just over 5 mm
- b) less than 5 mm
- c) exactly 5 mm
- d) about 5 mm
- 8) What did a researcher say fog harvesting could bring to the town?
- a) hot springs
- b) hot showers
- c) tourists
- d) a new era
- 9) Where could fog harvesting provide a practical water resource?
- a) cactus farms
- b) hold courses
- c) cities
- d) swimming pools
- 10) What could fog harvesting provide resilience to?
- a) wind
- b) climate change
- c) heatwaves
- d) freezing temperatures

#### **ROLE PLAY**

From <a href="https://breakingnewsenglish.com/2502/250227-fog-harvesting.html">https://breakingnewsenglish.com/2502/250227-fog-harvesting.html</a>

### Role A - Thick Fog

You think thick fog is the worst weather event. Tell the others three reasons why. Tell them why their weather events aren't as bad. Also, tell the others which is the least annoying of these (and why): heavy rain, heatwave or hurricane.

#### Role B - Heavy Rain

You think heavy rain is the worst weather event. Tell the others three reasons why. Tell them why their weather events aren't as bad: thick fog, heatwave or hurricane.

#### Role C - Heatwave

You think a heatwave is the worst weather event. Tell the others three reasons why. Tell them why their weather events aren't as bad: heavy rain, thick fog or hurricane.

#### Role D - Hurricane

You think a hurricane is the worst weather event. Tell the others three reasons why. Tell them why their weather events aren't as bad: heavy rain, heatwave or thick fog.

## AFTER READING / LISTENING

From <a href="https://breakingnewsenglish.com/2502/250227-fog-harvesting.html">https://breakingnewsenglish.com/2502/250227-fog-harvesting.html</a>

**1. WORD SEARCH:** Look online / in your dictionary to find collocates, information on, synonyms for... the words 'fog' and 'water'.

fog	water

- 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><li>regions</li></ul>	• testing
• driest	• truck
<ul><li>studying</li></ul>	• era
<ul><li>process</li></ul>	• shift
<ul><li>large</li></ul>	<ul><li>resource</li></ul>
• cheap	• access

#### **FOG AND WATER SURVEY**

From https://breakingnewsenglish.com/2502/250227-fog-harvesting.html

Write five GOOD questions about fog and water 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.

#### FOG AND WATER 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 'fog'?
- 3. What do you know about fog?
- 4. What do you think of harvesting water from fog?
- 5. Does your town have any water problems?
- 6. What would living in a very dry region be like?
- 7. Has the amount of rainfall changed in your town?
- 8. What would you do if there was little water to use?
- 9. Would you rather live in a dry or rainy place?
- 10. How cheap is the water in your town?

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#### FOG AND WATER 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 'water'?
- 13. What do you think about what you read?
- 14. Would you like to live in a desert town?
- 15. What water problems are there in the world?
- 16. What water problems will there be in the future?
- 17. What other ways are there of collecting water?
- 18. What three adjectives best describe the word 'water'?
- 19. What will Earth be like after 100 years of climate change?
- 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)

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-	
-	
-	
_	
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	CUSSION (Write your own questions)  ENT B's QUESTIONS (Do not show these to student A)
	CUSSION (Write your own questions) ENT B's QUESTIONS (Do not show these to student A)

## **LANGUAGE - CLOZE**

Many	regio	ons in the world	have	(1) little	rain.	It is a daily ch	nallen	ge for people
		er. Scientists ha						
town	towns and cities (2) the world. Capturing water from fog could provide drinking							
wate	water to millions of people. Researchers in Chile have been (3) how fog							
harve	harvesting could help to collect water. Fog harvesting is a (4) process. Water							
from	from fog is collected on large mesh screens that are hung between poles. When fog							
and	and clouds pass (5) the screens, droplets of water stick to the mesh. This							
wate	then	drips into pipes	belo	w the screens	and (	(6) up in s	storaç	ge tanks. It is
a che	ap an	d easy way of c	ollect	ing water in dr	y are	as.		
The i	esear	chers are from	Univ	ersidad Mayor	, а р	rivate universi	ty in	the (7)
city S	Santia	go. They have	been	testing fog h	arve	sting in the de	esert	town of Alto
Hosp	icio. T	he town gets ar	avei	rage (8) le	ss th	an 5 mm of ra	infall	a year. Many
peop	le wh	o live there get	thei	r drinking wat	er de	elivered by tru	ck. R	esearcher Dr
Virgir	nia Ca	rter Gamberini	said	fog harvesting	cou	ld bring a "(9)		_ era" to the
town	. She	said her researd	h "re	presents a not	able	(10) in the	e per	ception of fog
wate	use	- from a rural,	rathe	r small-scale (1	11)	to a practi	cal w	ater resource
for ci	ties".	She added: "Wa	ater f	rom the clouds	coul	d enhance our	cities	' resilience to
clima	te cha	ange, (12) i	mpro	ving access to	clear	n water."		
Put t	he co	orrect words fr	om t	he table belo	w in	the above ar	ticle.	
1.	(a)	very	(b)	few	(c)	much	(d)	far
2.	(a)	on	(b)	at	(c)	in	(d)	by
3.	(a)	studied	(b)	studies	(c)	studying	(d)	study
4.	(a)	sump	(b)	sample	(c)	spam	(d)	simple
5.	(a)	at	(b)	of	(c)	through	(d)	under
6.	(a)	starts	(b)	ends	(c)	follows	(d)	waters
7.	(a)	case	(b)	capital	(c)	initial	(d)	upper
8.	(a)	to	(b)	of	(c)	on	(d)	at
9.	(a)	news	(b)	newt	(c)	new	(d)	newsy
10.	(a)	relocate	(b)	cog	(c)	gear	(d)	shift
11.	(a)	problem	(b)	puzzle	(c)	liquid	(d)	solution

#### **SPELLING**

From <a href="https://breakingnewsenglish.com/2502/250227-fog-harvesting.html">https://breakingnewsenglish.com/2502/250227-fog-harvesting.html</a>

#### Paragraph 1

- 1. Many <u>ergnios</u> in the world
- 2. It is a daily <u>elgeahcnl</u> for people
- 3. podevir drinking water to millions
- 4. Fog harvesting is a simple oecpssr
- 5. screens that are hung between <u>slpeo</u>
- 6. ends up in soeratg tanks

#### Paragraph 2

- 7. in the <u>aptalic</u> city Santiago
- 8. an earvgae of less than 5 mm
- 9. drinking water <u>eerdvdeil</u> by truck
- 10. a <u>lurar</u>, rather small-scale solution
- 11. a practical water <u>rrcueeos</u> for cities
- 12. <u>nchenae</u> our cities' resilience to climate change

## **PUT THE TEXT BACK TOGETHER**

From <a href="https://breakingnewsenglish.com/2502/250227-fog-harvesting.html">https://breakingnewsenglish.com/2502/250227-fog-harvesting.html</a>

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

(	)	rather small-scale solution to a practical water resource for cities" She added: "Water from the
(	)	The researchers are from Universidad Mayor, a private university in the capital
(	)	clouds could enhance our cities' resilience to climate change, while improving access to clean water."
(	)	help to collect water. Fog harvesting is a simple process. Water from fog is collected on large mesh
(	)	screens that are hung between poles. When fog and clouds pass through the screens, droplets
(	)	of water stick to the mesh. This water then drips into pipes below the screens and ends up in storage
(	)	city Santiago. They have been testing fog harvesting in the desert town of Alto Hospicio. The town gets an average
(	<b>1</b> )	Many regions in the world have very little rain. It is a daily challenge for people to get water. Scientists have
(	)	of less than 5 mm of rainfall a year. Many people who live there get their drinking water delivered
(	)	by truck. Researcher Dr Virginia Carter Gamberini said fog harvesting could bring a "new
(	)	found a new way that could help some of the driest towns and cities in the world. Capturing water from fog could provide
(	)	drinking water to millions of people. Researchers in Chile have beer studying how fog harvesting could
(	)	tanks. It is a cheap and easy way of collecting water in dry areas.
(	)	era" to the town. She said her research "represents a notable shift in the perception of fog water use - from a rural,

#### PUT THE WORDS IN THE RIGHT ORDER

From https://breakingnewsenglish.com/2502/250227-fog-harvesting.html

- 1. have regions rain . little Many in the world
- 2. daily for get challenge to A people water .
- 3. water from fog water . drinking provide could Capturing
- 4. on collected mesh from Water screens . fog is
- 5. areas . of water A in way dry collecting
- 6. desert . fog in testing They've been the harvesting
- 7. 5 mm . an The gets less of than town average
- 8. harvesting era . bring new a said She could
- 9. notable represents her said She shift . a research
- 10. the clouds enhance could from cities . our Water

## **CIRCLE THE CORRECT WORD (20 PAIRS)**

From <a href="https://breakingnewsenglish.com/2502/250227-fog-harvesting.html">https://breakingnewsenglish.com/2502/250227-fog-harvesting.html</a>

Many regions / region in the world have very little rain. It is a daily challenging / challenge for people to get water. Scientists have found a new way that could help some of / off the driest towns and cities in the world. Capturing water from fog could provide drink / drinking water to millions of people. Researchers in Chile have been studying how / what fog harvesting could help to collect water. Fog harvesting is a sample / simple process. Water from fog is collected on large mash / mesh screens that are hung between poles. When foggy / fog and clouds pass through the screens, droplets of water stick to the mesh. This water then drips up / into pipes below the screens and ends up in storage tanks. It is a cheap and easy way of collecting / collection water in dry areas.

The researchers are *from / of* Universidad Mayor, a private university in the capital city Santiago. They have been *testing / tested* fog harvesting in the desert town of Alto Hospicio. The town gets an average of *less / fewer* than 5 mm of rainfall a year. Many people who *lives / live* there get their drinking water delivered by *track / truck*. Researcher Dr Virginia Carter Gamberini said fog harvesting could bring a "new / news era" to the town. She said her research "represents a notable shift *on / in* the perception of fog water use from a rural, rather small-scale solution *to / at* a practical water resource for cities". She added: "Water from the clouds could enhance our cities' *resilience / resilient* to climate change, while improving access to clean *watering / water*."

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

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

From https://breakingnewsenglish.com/2502/250227-fog-harvesting.html

M\_ny r\_g\_ns \_n th\_ w\_rld h\_v\_ v\_ry l\_ttl\_ r\_n. \_t  $\_s$   $\_$   $d\_ly$   $ch\_ll\_ng\_$   $f\_r$   $p\_\_pl\_$   $t\_$   $g\_t$   $w\_t\_r.$  $Sc\_nt\_sts$   $h\_v\_$   $f\_nd$   $\_$   $n\_w$   $w\_y$   $th\_t$   $c\_ld$   $h\_lp$  $s\_m\_ \quad \_f \quad th\_ \quad dr\_\_st \quad t\_wns \quad \_nd \quad c\_t\_\_s \quad \_n \quad th\_ \quad w\_rld.$ C\_pt\_r\_ng w\_t\_r fr\_m f\_g c\_\_ld pr\_v\_d\_ dr\_nk\_ng  $w\_t\_r \quad t\_ \quad m\_ll\_\_ns \quad \_f \quad p\_\_pl\_. \quad R\_s\_\_rch\_rs \quad \_n \quad Ch\_l\_$ h\_v\_ b\_\_n st\_dy\_ng h\_w f\_g h\_rv\_st\_ng c\_\_ld h\_lp t\_ c\_ll\_ct w\_t\_r. F\_g h\_rv\_st\_ng \_s \_ s\_mpl\_ pr\_c\_ss. W\_t\_r fr\_m f\_g \_s c\_ll\_ct\_d \_n l\_rg\_ m\_sh scr\_\_ns th\_t \_r\_ h\_ng b\_tw\_\_n p\_l\_s. Wh\_n f\_g \_nd cl\_\_ds p\_ss thr\_\_gh th\_ scr\_\_ns, dr\_pl\_ts \_f w\_t\_r st\_ck t\_ th\_ m\_sh. Th\_s w\_t\_r th\_n dr\_ps \_nt\_ p\_p\_s b\_l\_w th\_ scr\_\_ns \_nd \_nds \_p \_n st\_r\_g\_ t\_nks. \_t \_s \_ ch\_\_p \_nd \_\_sy w\_y \_f c\_ll\_ct\_ng w\_t\_r \_n dry \_r\_\_s. Th\_ r\_s\_\_rch\_rs \_r\_ fr\_m \_n\_v\_rs\_d\_d M\_y\_r, \_ pr\_v\_t\_ \_n\_v\_rs\_ty \_n th\_ c\_p\_t\_l c\_ty S\_nt\_\_g\_. Th\_y h\_v\_ b\_n t\_st\_ng f\_g h\_rv\_st\_ng \_n th\_ d\_s\_rt t\_wn \_f \_lt\_ H\_sp\_c\_\_. Th\_ t\_wn g\_ts \_n \_v\_r\_g\_ \_f l\_ss th\_n 5 mm \_f r\_\_nf\_ll \_ y\_\_r. M\_ny p\_\_pl\_ wh\_ l\_v\_ th\_r\_  $g_t$  th\_r dr\_nk\_ng w\_t\_r d\_l\_v\_r\_d by tr\_ck.  $R\_s\_\_rch\_r \quad Dr \quad V\_rg\_n\_\_ \quad C\_rt\_r \quad G\_mb\_r\_n\_ \quad s\_\_d \quad f\_g$ h\_rv\_st\_ng c\_\_ld br\_ng \_ "n\_w \_r\_" t\_ th\_ t\_wn. Sh\_ s\_\_d h\_r r\_s\_\_rch "r\_pr\_s\_nts \_ n\_t\_bl\_ sh\_ft \_n th\_ p\_rc\_pt\_\_n \_f f\_g w\_t\_r \_s\_ - fr\_m \_ r\_r\_l, r\_th\_r  $sm_ll-sc_l$   $s_lt_n$   $t_pr_ct_c$   $w_tr_s_rc_f$ c\_t\_s". Sh\_ \_dd\_d: "W\_t\_r fr\_m th\_ cl\_\_ds c\_\_ld  $\_nh\_nc\_\_\_r$   $c\_t\_\_s'$   $r\_s\_l\_\_nc\_\_$   $t\_\_$   $cl\_m\_t\_\_$   $ch\_ng\_,$ wh\_l\_ \_mpr\_v\_ng \_cc\_ss t\_ cl\_\_n w\_t\_r."

PUNCTUATE THE TEXT AND ADD CAPITALS

From <a href="https://breakingnewsenglish.com/2502/250227-fog-harvesting.html">https://breakingnewsenglish.com/2502/250227-fog-harvesting.html</a>

many regions in the world have very little rain it is a daily challenge for

people to get water scientists have found a new way that could help some of

the driest towns and cities in the world capturing water from fog could

provide drinking water to millions of people researchers in chile have been

studying how fog harvesting could help to collect water fog harvesting is a

simple process water from fog is collected on large mesh screens that are

hung between poles when fog and clouds pass through the screens droplets

of water stick to the mesh this water then drips into pipes below the screens

and ends up in storage tanks it is a cheap and easy way of collecting water

in dry areas

the researchers are from universidad mayor a private university in the

capital city santiago they have been testing fog harvesting in the desert

town of alto hospicio the town gets an average of less than 5 mm of rainfall

a year many people who live there get their drinking water delivered by

truck researcher dr virginia carter gamberini said fog harvesting could bring

a new era to the town she said her research represents a notable shift in the

perception of fog water use from a rural rather smallscale solution to a

practical water resource for cities she added water from the clouds could

enhance our cities resilience to climate change while improving access to

clean water

## PUT A SLASH ( / ) WHERE THE SPACES ARE

From https://breakingnewsenglish.com/2502/250227-fog-harvesting.html

Manyregionsintheworldhaveverylittlerain. It is a daily challenge for peo pletogetwater. Scientists have found a new way that could help some of t hedriesttownsandcitiesintheworld. Capturingwaterfromfogcould pro videdrinkingwatertomillionsofpeople.ResearchersinChilehavebeens tudyinghowfogharvestingcouldhelptocollectwater. Fogharvestingisa simpleprocess. Waterfromfogiscollected on large mesh screens that ar ehungbetweenpoles. When fog and clouds pass through the screens, dr opletsofwatersticktothemesh. This water then drips into pipes below th escreensandendsupinstoragetanks. It is a cheap and easy way of collect ingwaterindryareas. Theresearchersare from Universidad Mayor, apri vateuniversityinthecapitalcitySantiago.Theyhavebeentestingfogha rvestinginthedeserttownofAltoHospicio.Thetowngetsanaverageofle ssthan5mmofrainfallayear.Manypeoplewholivetheregettheirdrinkin gwaterdeliveredbytruck.ResearcherDrVirginiaCarterGamberinisaid fogharvestingcouldbringa"newera"tothetown.Shesaidherresearch" represents a notable shift in the perception of fogwater use-from a rural, r athersmall-scalesolutiontoapracticalwaterresourceforcities". Shead ded: "Waterfromthecloudscouldenhanceourcities' resilience to climat echange, while improving access to clean water."

## **FREE WRITING**

Write about <b>fog and water</b> for 10 minutes.	. Comment on your partner's paper.

## **ACADEMIC WRITING**

People in areas with no rainfall should move to areas with rainfall.	Discuss.

#### **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. FOG AND WATER:** Make a poster about fog and water. Show your work to your classmates in the next lesson. Did you all have similar things?
- **4. MOVING:** Write a magazine article about moving people from very dry areas to places where there is rainfall. 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 fog. Ask him/her three questions about it. Give him/her three of your ideas on how to save water. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

#### **ANSWERS**

#### **VOCABULARY (p.4)**

е 1. С 2. d 3. 4. 5. f 6. 7. 8. i 9. Т 10. 11. j 12. h 13. 14. n m

#### TRUE / FALSE (p.5)

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

#### **SYNONYM MATCH (p.5)**

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

#### COMPREHENSION QUESTIONS (p.9)

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

1.	Many regions in the world	1.	Many regions in the world have little rain.
2.	Millions	2.	A daily challenge for people to get water.
3.	Mesh screens	3.	Capturing water from fog could provide drinking water.
4.	Droplets of water	4.	Water from fog is collected on mesh screens.
5.	In storage tanks	5.	A way of collecting water in dry areas.
6.	A desert town	6.	They've been testing fog harvesting in the desert.
7.	Less than 5 mm	7.	The town gets an average of less than 5 mm.
8.	A new era	8.	She said harvesting could bring a new era.
9.	Cities	9.	She said her research represents a notable shift.
10.	Climate change	10.	Water from the clouds could enhance our cities.

#### **MULTIPLE CHOICE - QUIZ (p.10)**

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

#### **ALL OTHER EXERCISES**

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