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Level 5 - 29th December, 2019

Satellites may obscure our views of the stars

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https://breakingnewsenglish.com/1912/191229-satellites-5.html

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Please try Levels 4 and 6. They are (a little) harder.

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THE READING

From https://breakingnewsenglish.com/1912/191229-satellites-5.html

Astronomers are worried that our view of the sky is becoming more obscured. Their warning is because of thousands of satellites being launched into orbit in 2020. These will provide high-speed Internet across the world from space. The scientists say space will be so littered with satellites they will compete with the stars for our attention. The satellites will form "megaconstellations" that could get in the way of radio astronomy and affect the quality of images from telescopes. The astronomers said the satellites will appear as dazzling white streaks of light. These could be mistaken for stars.

Experts say there are plans to launch over 46,000 satellites into space in the next few years. This is five times more than the number of objects in space since the launch of Sputnik 1 in 1957, six decades ago. The new satellites will provide much faster Internet speeds and greater connectivity to even the remotest areas of the world. Today, about 14 million Americans live in rural areas with zero Internet coverage. SpaceX will launch 120 satellites in January and a further 12,000 in the next decade. Astrophysicist Dr Dave Clements called the initiative a "tragedy".

Sources: https://www.cnbc.com/2019/12/14/spacex-oneweb-and-amazon-to-launch-thousands-more-satellites-in-2020s.html

https://www.bbc.com/news/science-environment-50870117

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PHRASE MATCHING

From https://breakingnewsenglish.com/1912/191229-satellites-5.html

PARAGRAPH ONE:

- 1. our view of the sky is becoming
- 2. launched into
- 3. space will be so littered llites
- 4. the satellites will form
- 5. get in the way
- 6. affect the quality of images
- 7. dazzling white
- 8. These could be

- a. orbit
- b. streaks of light
- c. of radio astronomy
- d. mistaken for stars
- e. with sate
- f. more obscured
- g. "mega-constellations"
- h. from telescopes

PARAGRAPH TWO:

- 1. in the next
- 2. greater
- 3. the remotest areas
- 4. rural
- 5. zero Internet
- 6. SpaceX will launch
- 7. a further 12,000 in
- 8. Clements called the initiative

- a. of the world
- b. the next decade
- c. areas
- d. a "tragedy"
- e. 120 satellites
- f. connectivity
- g. few years
- h. coverage

LISTEN AND FILL IN THE GAPS

From https://breakingnewsenglish.com/1912/191229-satellites-5.html

Astronomers are worried (1)	of the sky is becoming
more obscured. Their warning is beca	use of thousands of satellites being
(2) in 2020. Th	ese will provide high-speed Internet
across the world from space.	The scientists say space will
(3) with satellite	es they will compete with the stars for
our attention. The satellites will form "r	nega-constellations" that could get in
(4) radio astron	omy and affect the quality of images
from telescopes. The astronomers	said the satellites will appear as
(5) of	light. These could be
(6)	
Experts say there are (7)	over 46,000 satellites into
space in the next few years	s. This is five times more
(8) of objects in	space since the launch of Sputnik 1
in 1957, six decades ago. The new	satellites (9)
faster Internet speeds and (10)	even the remotest
areas of the world. Today, about 14 mil	lion Americans live in rural areas with
(11) SpaceX wil	l launch 120 satellites in January and
a further 12,000 in the next decade. As	strophysicist Dr Dave Clements called
the (12)	

PUT A SLASH (/)WHERE THE SPACES ARE

From https://breakingnewsenglish.com/1912/191229-satellites-5.html

Astronomersareworriedthatourviewoftheskyisbecomingmoreobscu red. Their warning is because of thousands of satellites being launched in toorbitin2020. These will provide high-speed Internet across the worl dfromspace. The scientists say space will be so littered with satellites the ywillcompetewiththestarsforourattention. The satellites will form "me ga-constellations"thatcouldgetinthewayofradioastronomyandaffec tthequalityofimagesfromtelescopes. The astronomers said the satellit eswillappearasdazzlingwhitestreaksoflight. These could be mistaken f orstars. Experts say there are plans to launch over 46,000 satellites into satellites in the same of t paceinthenextfewyears. This is five times more than the number of objective times and the number of objective times are the number of objective times. tsinspacesincethelaunchofSputnik1in1957,sixdecadesago.Thenew satelliteswillprovidemuchfasterInternetspeedsandgreaterconnectiv itytoeventheremotestareasoftheworld.Today,about14millionAmeri cansliveinruralareaswithzeroInternetcoverage.SpaceXwilllaunch12 OsatellitesinJanuaryandafurther12,000inthenextdecade. Astrophysi cistDrDaveClementscalledtheinitiativea"tragedy".

SATELLITES SURVEY

From https://breakingnewsenglish.com/1912/191229-satellites-4.html

Write five GOOD questions about satellites 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.

WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student A: Do not show these to your speaking partner(s).

a) _	
b) _	
c)	
d)	
_	
e) _	
f) _	
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	ITE QUESTIONS & ASK YOUR PARTNER(S) nt B: Do not show these to your speaking partner(s).
a) _	
b) _	
c) _	
d)	
e)	
_	
f) _	

WRITING

From https://breakingnewsenglish.com/1912/191229-satellites-5.html

Write about satellite	s for 10 minutes.	Read and talk abou	ut your partner's paper.