Other planets have been found that could support life, they orbit stars much further from the Earth. According to (3)
Proxima b is "only" 4.2 light years away. In astronomical terms, that is
(4)
A spacecraft would take around 70,000 years to get to Proxima b. That makes it 5)(POSSIBLE) for humans to travel there in person, but radio signals would get there much faster — in 4,2 years, in fact.
It is incredible to think that (6) (LIVE) beings could be standing on Proxima b now, looking up at our own distant sun in their sky and wondering what's out there.
WRITING
Please answer the following questions and prove them. Write a short essay (12-15 sentences)
On the 6th of February The Falcon heavy rocket with a Tesla Roadster on board was launched by Elon MusK's company. Elon commented on it, "It is kind of silly and fun, but silly and fun things are important." What does it mean? What would you launch into space and what music would you choose to "accompany" the travel? (Elon has chosen "Space Oddity" by David Bowie) Why?
Дорогой друг! Обязательно скажи себе после олимпиады:
Я прошел это испытание! У меня все получилось! Я горжусь собой!

Стремись быть ПЕРВЫМ во всем, и ты станешь ПЕРВЫМ!

VICTORY

РЕСПУБЛИКАНСКАЯ ОЛИМПИАДА ШКОЛЬНИКОВ НА КУБОК имени Ю.А. ГАГАРИНА





АНГЛИЙСКИЙ ЯЗЫК

РЕСПУБЛИКАНСКИЙ ЭТАП

8 класс

ФИО учителя

Город/район			Школа			Класс		
Фамилия	Имя							
Персональная итоговая таблица (заполняется учителем — членом жюри 3 этапа)								
Задания	1	2	3	4	5	6	7	Сумма
Количество баллов								
					/			

ЖЕЛАЕМ УДАЧИ!

Подпись учителя

LISTENING

1. You will hear five different people talking about concerts they went to. Choose from the list (A-F) the opinion each speaker expresses about the concert. Use the letters only once. There is an extra letter which you do not need to use. You will listen to the extract twice.

_		1	
Speal	lzαr	1	
SUCA	NCI	1	

2) Speaker 2

3) Speaker 3

4) Speaker 4

5) <u>Speaker 5</u>

- A) The performers got a better reception than they deserved.
- B) These musicians are at their best in live performance.
- C) The concert improved after a disappointing beginning.
- D) I enjoyed the band's choice of material for the concert.
- E) I'd like to have seen more bands for the price I paid.
- F) I was pleased the concert was raising money for a good cause.

1	2	3	4	5

READING

2. Read the text and choose the right answer

JOURNEY TO COMET

Comets, while not uncommon in our solar system, are actually observed in the night sky infrequently enough that an appearance by one of these mysterious objects has often led to wonder and fear. Our very existence may even have dependent on them, as scientists debate the possible role they played in introducing water to our planet at some point in its development. A desire to discover more about these objects led to the Rosetta mission.

The daring mission involved sending a spacecraft to meet up with Comet 67P/Churryumov-Gerasimenko and then to send a lander, Philae, from the spacecraft to touch down on the surface. Researchers hoped to get information about the early solar system, since comets act as a kind of time capsule. The material that the Earth formed from has undergone so many

chemical processes that it has changed beyond recognition. Comets, which have done nothing but orbit the Sun for millennia, offer an insight into the way planetary systems evolve.

Churryumov-Gerasimenko is far from unknown to ground-based telescopes and passes between the orbits of Mars and Earth. It is used to orbit the Sun from a greater distance, but passing relatively near the Earth has influenced its orbit and led to more activity on the surface as it passes closer to the Sun. This made it an ideal target for Rosetta, although not the first as delays to the project meant that an alternative target had to be selected.

Rosetta's amazing journey to the comet was long and complicated. Mission controllers sent the spacecraft on a trajectory that involved passing the Earth three times and Mars once to use gravity to gain speed. Meanwhile, the spacecraft hibernated to save power for the mission ahead. This involved loss of radio contact with the Earth as the spacecraft was placed in a position that allowed its solar panels to absorb power from the rays of the sun.

When Rosetta arrived at the comet, its instruments began to analyze the object, while controllers on the ground began the painstaking task of identifying a suitable site for the lander, Philae, to aim for. The criteria for selection included the fact that Philae needed to be exposed to the sun's rays for just the right amount to recharge its batteries but to avoid overheating. Finally, an area was chosen that would allow the lander's equipment, including drills which would bring a sample of the comet on board the lander for analysis, to work most effectively.

Had Philae's landing equipment been working perfectly, it would have gently touched down on the comet and hooks would have held it in place. As it was, the lander bounced and settled in an area that provided less than ideal exposure to the sun. With reduced energy, and lying on its side, the lander nonetheless sent very useful data back to the spacecraft, which then sent the information on to the Earth.

The data indicated that a considerable amount of water ice existed below a surface of dust and fine material. For some, that might lend support to the idea that the Earth's oceans were formed by the impact of comets, although most experts tend to think that asteroids played a far greater role in this than comets. Even so, Rosetta has established that visiting a comet is not the impossibility it might once have seemed.

1)	Which of the following statements is TRUE, according to the author?					
	A) Comets are often seen from the Earth. B) Comets are not rare in our solar system.	C) Scientists wonder why we can't see comets. D) Researchers are afraid a comet may hit the Earth.				
2)	One of the aims of the Rosetta mission was to					
	A) see how long a comet can last for. B) time a comet as it goes around the Sun.	C) answer questions about Earth's early history. D) send a sealed message to leave on the comet.				
3)	According to the author, Churryumov-Gerasimenko					
	A) now passes the Erath more often than it used to. B) cannot be seen through telescopes on the Earth.	C) was the original destination of Rosetta. D) orbits the Sun more closely that it used to.				
4)	On its journey, Rosetta passed close by planets in our solar system to					
	A) keep in touch with the Earth. B) make the spacecraft go faster.	C) gain energy from the Sun. D) preserve battery power for the mission.				
5)	The author says that the landing site for the Philae l	ander needed to				
	A) be permanently in sunlight to provide energy. B) be in an area that had previously been drilled.	C) avoid allowing sunlight to fall on the lander. D) take into account the science that was planned.				
6)	6) What happened when Philae attempted to land on the comet?					
	A) It successfully landed at the chosen landing site. B) It hit the side of the comet and was destroyed.	C) It landed in an area that didn't provide enough power. D) It lost contact with the Earth and became useless.				
7)	The attitude of the author towards the Rosetta miss	ion may be described as				
	A) positive. B) critical.	C) unenthusiastic. D) pessimistic.				

USE OF ENGLISH

3. Find ten mistakes in this passage and correct them

Newsflash

"We interrupt your usual schedule to bring an imortant news. We are recieving informations about a spaceship that has landed outside the Kremlin. The large ship semms to be made of glasses. Reports say that a short time ago aliens came out of the craft. Eye-witnesses described them as short and said their clothes was made of metal and their hairs was bright green. Strangely, one of them appeared to be wearing a jean. Much people said that they seemed to be friendly. The president of the Russian Federation is currently holding a meeting with the visitors in the hope that we can exchange knowledges. Police advice are to stay indoors and under no circumstances approach the spaceship. We will be back with another news as soon as we can. And now, back to your usual programme, Gardening For Beginners."

4. Choose the correct option – A, B or C

At the moment we(1) travel between planets, but we(2) travel between stars. Stars are very far away from each other
and our spaceships(3) go fast enough to get there. The nearest star to the Sun is Proxima Centauri but a spaceship(4)
only get there in a few thousand years. But why(5) we go to other stars? Well, stars are very important, so we(6)
know more about them. For example, our nearest star is the Sun – you can see it from your window, but you(7) look too
long because it can be bad for your eyes. We(8) live without the Sun because it gives our planet energy.

We ...(9)... visit other stars to know about them because we have very good telescopes, but if you really want to see "life" on stars you ...(10)... watch films or read books.

	1) A) must	B) should	C) can	6)	A) can	B) could	C) ought to
	2) A) can't	B) don't have to	C) mustn't	7)	A) have not to	B) mustn't	C) don't have to
	3) A) mustn't	B) aren't able to	C) shouldn't	8)	A) couldn't	B) shouldn't	C) mustn't
	4) A) can	B) could	C) has to	9)	A) mustn't	B) don't have to	C) shouldn't
	5) A) should	B) ought	C) can	10)	A) don't have to	B) had to	C) will have to
5. Complete the text, using the words in brackets in an appropriate form of the passive						ive	
	Today, aluminium (1)so widely(use) that is hard to imagine a world without it. It is a strong but light metal which (2)(can/shape) into drinks cans and window frames. It is a common metal for building cars and airplanes. NASA's space shuttles (3)(could not/build) without it-each space shuttle is 90% aluminium.						
	(5)(5)(to find a proof (9)	(discover) a lo nuxite, a rock w ake) to a factory cess for gettin _(first/produce), e large amounts	ong time befo which (6) where it (8)_ ng the meto the price of s of electricity	re that, po (find) al out of the metal	essibly as much in hot places (heat) to prod the bauxite. was higher the (need). F	n as 2000 years such as rainfo duce aluminium. As a result, an that of gold. For this reason,	rs, but the metal before. Aluminium prests. The bauxite It took many years when aluminium It is an expensive a lot of aluminium sily.
6.	Read the text a	nd fill in with th	ne words giv	en in the I	right form		
				PROXIM.	A b		

That is important, because, as far as we know, liquid water is absolutely essential for the

(2) (EXIST) of life. It doesn't prove that there is life, but it raises the possibility.