5 Today and tomorrow

Vocabulary
Science

1 **Correct the words in bold.**

1 Some people say that **smart** modified crops are detrimental to our health.
2 Do you believe scientists will be able to **use** a cure for every disease?
3 Wind turbines and dams **design** electricity.
4 In Europe, many people **grow** smart cars.
5 I want to have a 3D printer to **find** my clothes.
6 In some years' time, people will be able to **live** into space for holidays.
7 Doctors say now people **travel** longer than in the past due to medical advances.
8 The government is encouraging companies to **make** renewable sources of energy.

2 **Complete the text with words from Exercise 1.**

Scientists assure us that we will benefit from the upcoming technological changes. As to transportation, the amount of smog will be reduced since most people will drive electric (1) _____ _____. So fossil fuel will not be massively used. Instead, other (2) _____ of energy will be widely spread and modern wind turbines and solar panels will (3) _____ electricity (as they already do in many countries). Travelling (4) _____ _____ will still be expensive but possible thanks to 3D simulators and people will be able to (5) _____ their own (6) _____ by using 3D printers. In relation to health matters, scientists say they will (7) _____ the (8) _____ for most diseases, so people will (9) _____ longer. This can be associated to food quality as well. The use of pesticides will be scaled down and (10) _____ _____ crops will be accessible to the population.



Grammar
Will: affirmative, negative and questions (2) Adverbs: comparative and superlative forms

3 **Read the text on page 59 of the SB again and complete the sentences with *will* or *won't* and the verbs in brackets.**

1 According to some experts, the world _____ (be) different in the future.
2 They say people _____ (need) to drive their cars because they are going to be self-driving.
3 Cities _____ (have) traffic lights.
4 People _____ (go) on holiday to space stations.
5 People _____ (use) cash.
6 Clients _____ (speak) to machines.
7 People _____ (suffer) from cancer.
8 Robots _____ (work) a lot.

4 **What will the future be like? Complete the sentences with *will* or *won't* and the verbs from the box.**

be (x2)	do	use	make	travel	live

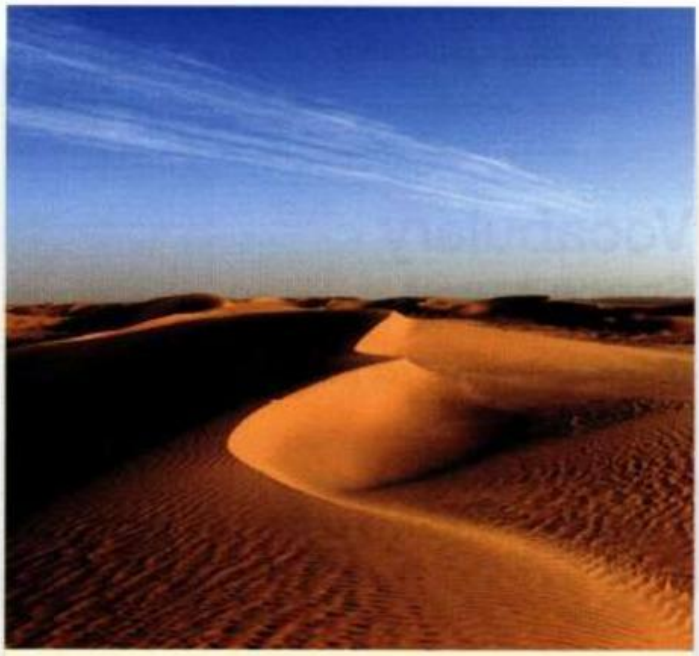
1 Planes and cars _____ faster.
2 Humans _____ 150 years because there will be vaccines for most diseases.
3 People _____ household chores because they will have robots.
4 The world _____ a healthier place because we'll only use solar panels.
5 The world _____ disease-free because new diseases will continue to appear.
6 Scientists _____ clones of human beings and animals.
7 Consumers _____ credit cards because there will be new payment methods.

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12 Complete the text with the words from the box. Write the verbs in the correct form.

Integration

not grow	since	need	worse	be
because	water	have to	if (x2)	
animals	bigger	scientists	not stop	



Deserts cover about half of the land on the Earth and they are getting (1) _____ every year due to climate change. This is bad because (2) _____ there are more desserts, there is less (3) _____ available, so crops (4) _____ and (5) _____ die. In these conditions, people can't live on the land anymore, so they have to move to new towns and cities.

(6) _____ believe that if human beings (7) _____ contaminating the planet, then up to 60 million people (8) _____ move from the Sahara Desert in Africa northwards into North Africa and Europe. The problem isn't just in Africa though. (9) _____ 1950, people have moved away from 24,000 villages in north-west China because of desert expansion and it's getting (10) _____. In India, villagers are moving to new areas (11) _____ the population is growing and they haven't got water. At the moment, it's only villages that are disappearing but scientists believe that soon whole cities (12) _____ to move as they are running out of water. Less water means more deserts. So (13) _____ deserts continue to grow, there (14) _____ millions of refugees looking for new places to live.

LIVEWORKSHEETS

5 **Write questions using *Will* and the comparative form of the adverbs. Then answer according to your opinion and give reasons.**

1 computers / work hard / humans

_____?

_____

2 people / travel comfortably in public transport

_____?

_____

3 babies / grow fast

_____?

_____

4 doctors / operate safely

_____?

_____

5 people / eat healthily

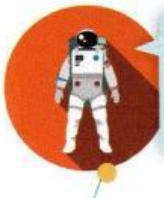
_____?

_____

Vocabulary

Space travel

6 **Complete with space travel vocabulary.**



This is an (1) a_____.
When they go on a (2) j_____ in group, they form a (3) c_____.



Activities

Astronauts do (4) r_____ and (5) e_____ in a (6) l_____. They go on (7) s_____.



Important events

1957: first satellite in (8) o_____

1969: Man on the (9) M_____

1961: first (10) s_____ in space

7 **Complete the text with space travel vocabulary.**

The International Space Station is the biggest object that has been put into (1) _____ ever. The ISS is also the third brightest object in the (2) _____ after Venus and the (3) _____. Eagle-eyed stargazers can even spot it from Earth. The ISS is 109 m long. However, there are only two bathrooms for all the (4) _____. Six (5) _____ from different countries live and work in it. They do (6) _____ and (7) _____ in its (8)_____. Their mission is really important but they're exposed to several risks. Living in the ISS isn't easy at all and the long (9) _____ has negative effects on the human body. The ISS will probably be in (10) _____ at least until 2024.



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