

**1**  Before you read

Look at the weather symbols and describe the weather, then write simple sentences.



- |                               |                                 |
|-------------------------------|---------------------------------|
| 1. It's snowy and cold.       | 4. It's sunny and hot.....      |
| 2. It's windy.....            | 5. It's thunder atmosphere..... |
| 3. It's cloudy and rainy..... | 6. It's cloudy.....             |

**2**  Read the article below and answer the following questions:

- Who is Dr Al-Ojairi? Talk about him.
- What do you know about **Al-Ojairi Astronomical Museum**?

## Prominent Kuwaiti Astronomer:

**Dr. Saleh Al- Ojairi**

Dr. Saleh Al- Ojairi was born in Kuwait in 1920. At school, he learned reading, mathematics, the Holy Quran and other subjects. Then he continued his university studies in Egypt. He spent seventy years of his life learning astronomy. He had different publications such as wall calendars, pocket diaries and office diaries.

Dr. Al-Ojairi received many medals and certificates which made him well-known in the Arab world. In August 2013, **Al-Ojairi Astronomical Museum** was opened at the Scientific Club to honour and reward Dr. Saleh Al-Ojairi for his efforts in the field of astronomy.



## Listening:

**3**  **12.1** Listen and write the missing information.

### The weather around the world tomorrow

CITY	WEATHER	TEMPERATURE
Kuwait	cloudy	(1) .....12°C.....
Beijing	(2) .....	3°C
Beirut	cloudy	12°C
Cairo	cloudy	(3) .....
Istanbul	sunny	(4) .....
London	rainy	(5) .....
Mexico City	cloudy	19°C
Montreal	(6) .....	-10°C
Moscow	snowy	(7) .....
Riyadh	sunny	23°C
Sydney	stormy	28°C



**4** Choose the suitable definitions of the underlined *weather idioms*:

(a time of need or trouble / raining heavily / not to feel well)

- It's better to stay home today, it's raining cats and dogs outside.  
.....It's raining heavily.....
- Don't spend all your money, save it for a rainy day.  
.....For a time of need or trouble.....



**5** Grammar in context *will/ won't*



a. Study the weather table and talk about the weather in the different countries. Work in pairs.

- The weather **will** be cloudy in Kuwait, but it **won't** rain.
- The temperature **will** be 12 degrees.



b. What do you think the weather will be like tomorrow? In your notebook, write your prediction and compare it with yesterday's.



Download a weather application on your tablet or smartphone and check the weather forecast for the next 7 days. Discuss with your friends.

**1**  **What environmental problems does our planet face nowadays?**

*Scientists now agree that the world's climate is changing.  
Here are some things they predict.*

The ice in the polar icecaps and in glaciers is turning into water. This will increase the sea level and it may go up by two metres. Glaciers in Switzerland, Italy and Austria are also melting and soon there won't be snow for skiing.



When the sea gets warmer, the sea level gets higher. In the USA and India, parts of the coast will go under water and many islands will flood. It also means that the river plains of the Nile Delta in Egypt will disappear.

In the world's drier nations, wells will be empty, lakes will become polluted and it will rain less. And forest fires will happen more often as regions become drier.



Without enough water, some hot countries won't be able to grow plants at all. World food levels will fall by about 20%.

**2**  Read the article and write a list of some of the problems caused by climate change.

- Glaciers will turn into water.
- River plains will disappear.....
- Parts of coasts and island will flood under water.....
- Lakes will become polluted and rain less.....

**3**  **Vocabulary Environment**




**Match the words with their definitions:**

glaciers wells floods coast regions



1. When large amounts of water cover a place and cause damage. **Floods**
2. Enormous pieces of ice that move slowly in the mountains. .... **Glaciers**.....
3. The part of a country where the land meets the sea. .... **Coast**.....
4. Deep holes in the ground from where people get drinking water. **Wells**.....

**4**  **Speaking and Writing:**

The world's climate is changing and the temperature may rise by six degrees over the next 100 years.

a. In pairs or small groups, discuss the causes of climate change.



b. Write your ideas in your notebook, then present them to the class.

**5**  **Grammar in context Modals**

Look at the underlined phrases. Do they mean this is certain (C) or this is possible (P)?

1. The sea level may go up by two metres. ....P...
2. Farm lands in the Nile Delta will disappear. ...C.....
3. More regions could become deserts. ....P.....
4. Some hot countries won't be able to grow food at all. ...C.....
5. In China, 30 million people could become homeless. ..P.....



Suggest ways to save our environment. You can:

- a. present them to your class using your tablet,
- b. write an article to one of your local magazines or
- c. design a poster calling for the protection of the environment.

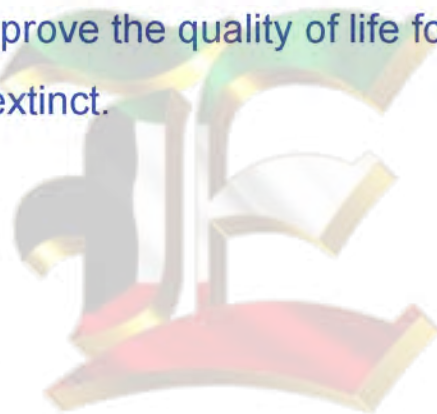


In the modern era, the biggest problem for the human race is to save environment and make earth a cleaner and greener planet. The human race has done a lot of damages to this world. Our surroundings have been suffering the curse of pollution, exploitation of resources, and many other things. Now, it is our duty to take some important measures and save environment for future generations.

Industrialization has been the biggest source of pollution. To compensate for the fuel needs, we over exhausted most of the non-renewable resources, like coals, minerals, and oils. In order to save environment, we should switch to eco-friendly energy sources, such as solar power, hydropower, wind energy, etc.

Lots of public places use the 'save environment' posters and stickers to create awareness among the general public. We can also watch this burning issue being discussed on news channels. At schools, students are given the topic of 'save environment' for an essay writing or drawing purposes. This helps them understand global warming and its dangerous consequences.

It is hard to believe but we don't always have to do something huge to save environment. Every person, even a child can contribute to the world's 'save environment' goal. We can together do so by reducing the plastic usage, saving electricity, using solar power, and planting more trees in our surroundings. Doing this will not only save environment but also improve the quality of life for both animal and plant species and save them from going extinct.



1  How will we live in 50 years? In pairs, talk about the future.

## Downloading Your Memory

You will be able to download all your memories and experiences to a computer in a way that allows you to recall them later. This would give you the chance to have a collection of all your thoughts and life memories.



## Weather Modification

Scientists predict that in the near future, they will be able to modify the weather. This will help stop global warming, reduce flooding and drought and prevent disasters and hurricanes from ever reaching land.



## Future Cities

People will be able to live and work in 'Bubble cities' underwater and 'Earth-scrappers' deep under the ground. Preparing food will become easier, as recipes from our favourite chefs will be downloaded and 3D printed, ready to eat within minutes.



2



Read the notes on the previous page, then complete the following sentences with suitable words.

1. It will be nice to be able to easily download and .....recall..... memories from favourite events.
2. Scientists will be able to predict and stop .....disasters..... before they happen.
3. We will live in ....earth-scrapers..... which go deep underground.
4. Different dishes from our favourite chefs will be easily ...downloaded... by 3D food printers.

### Listening:

3



12.2 Listen to the interview. Tick (✓) the predictions you hear, and cross (✗) the ones you don't.

1. One in four students won't have an education. ( ✗ )
2. Doctors will visit their patients at home. ( )
3. There won't be a cure for cancer. ( )
4. There will be enough water for everybody. ( )
5. China will be the country with the biggest population. ( )



3D Printer

### Writing:

4



Write a short paragraph about life in the future. Work in pairs or small groups.

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#### LIFE IN THE FUTURE

I think the future world will be ... (Write a sentence introducing your ideas.)

Some things will be much better. (Write two of your ideas.)

I would like to live in my future world because ...

...I think the future world will be full of peace and security..When the one who created the.....

...world fully controls it we will have been living in a different world, where no pain nor.....

...suffering..And the technology will have remaining developed..I would really like to live in.....

...my future world because I want to experience the changes on my own.....

.....

.....

# Choose either Project 1 or 2

## Project 1

## An Award Winner

### Work in pairs or small groups

1. Go to the Nobel Prize winner website [www.nobelprize.org](http://www.nobelprize.org) and choose a prize winner you are interested in, OR select a famous award winner.
4. Do research about this person in books or other websites and take notes.
5. Design a poster about this person; draw diagrams and put photos. Use your notes to write about his/her achievements.



### Dr. Souad Al-Sabah : An Influential Author

Dr. Souad Muhammad Al-Sabah is a Kuwaiti economist, writer and poet and a member of the ruling family. She was born in 1942 in Kuwait. She has published several books and works in poetry and literature and established a literary prize that carries her name. She also has written a lot of economic and political articles in Arabic local and international newspapers and magazines.

She was honoured in many countries for her publications and literary achievements.





## Project 2

# A Time Capsule

### Work in pairs or small groups

A time capsule is a container with objects inside it. They represent your life today. Later generations can open the time capsule and learn about the way you lived.

- Plan a time capsule to be opened in the year 2250.
- Choose 4 objects that represent your life today and write about them; explain why they are important.
- Write a short letter to people in the future. Talk about your home and family, your interests and the things that you use in your life.



This is my video game console. I spend my leisure time playing games online against my friends; It's great fun!



This is a mobile phone. I use this device to speak to my friends and family. I can also take photos and watch videos.

This is a school book. We study English from this book. It contains a lot of interesting information.



This is a photo of my family. I'm the one on the left. There is my mum and dad and my brother and sister.

Dear future people,  
I would like to tell you about my life. I live in the 21<sup>st</sup> century, in Kuwait. I live with my mum, dad, my sister and brother in a villa.

In the 21<sup>st</sup> century, people use a lot of technology. In my house, there are a lot of machines that we can't live without. I like to play games in my free time and my favourite subject is English.