

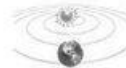
MODULE
4

We will travel to the stars

First section

Vocabulary

1 Label the pictures using the vocabulary from Module 4.



- a. spaceship b. a stronaut c. solar system d. to revolve e. satellite

Grammar

The Future Simple

2 Complete the passage with the verbs in the box.

will have will explore will/be
will/ask will float will go

If you're thinking of becoming an astronaut, you (1) will probably ask yourself this question: What (2) will it be like to live in space? First of all, you (3) will have to train at a space training centre. Once you are in space, you (4) will go on spacewalks, do experiments, and of course you (5) will explore space. That is not all! An astronaut's life in space can also be fun! You (6) will float and enjoy zero gravity and if you feel homesick, you will be able to receive video calls from home, send and receive emails and watch DVDs!

3 Complete the text with the correct form of the verbs in brackets, using the Future Simple.

Mars City

In 2670, astronauts (1) will build (build) Mars City under a man-made atmosphere. It will be fast, as low gravity on Mars (2) will make (make) moving bricks easy. Farmers will grow food in big glass bubbles, using seeds from Earth. Even though it (3) will not taste (not taste) good, it will be very healthy. Mars is colder than Earth, so people will wear thick clothes to keep warm. People in Mars City (4) will not be (not be) bored, because satellites will send television and Internet there and everyone (5) will play (play) sports together!

Grammar

1 Use the clues to rewrite the dialogue.

When will humans land on Mars?

Lecturer: Well, that's a big question. We have to be sure of two things: that (2) (they / travel) there and back safely, and that (3) (they / survive) on the Red Planet. The first step is going to the Moon. (4) (This / teach) astronauts how to live and work on another world. Then (5) (we / send) a wheeled robot to Mars to explore the landing site. A few years later, (6) (it / return) to Earth with a sample of Martian rock and soil. People will eventually travel to Mars, but not earlier than 2035.

We have to be sure of two things: that (2) **will** (they / **travel**) there and back safely, and that (3) **will** (they / **survive**) on the Red Planet. The first step is going to Moon. (4) **will** (This / **teach**) astronauts how to live and work on another world. Then (5) **will** (we / **send**) a wheeled robot to Mars to explore the landing site. A few years later, (6) it **will** (it / **return**) to Earth with a sample of Martian rock and soil. People will eventually travel to Mars, but not earlier than 2035.

reach not happen study
need not be

3 Write sentences in your notebook about Malek's life on a space station using the Future Simple. Then, write about what Malek will do on Monday and Tuesday.



4 Match sentences (a–d) to the predictions (1–4). Then, write the predictions.

a. The nearest star is so far away. [4]

Our generation won't reach the nearest star.

b. We need to have other ways to travel to space. [2]

There will be more studies on travelling between the stars.

c. It's not possible to stop along the way while travelling between the stars. [1]

The crew will have to carry everything they need for the trip.

d. Travelling between stars is difficult because of the distance between them. [3]

A car will take 30 million years to arrive.

1. The crew (have to carry) everything they need for the trip.

2. There (be) more studies on travelling between the stars.

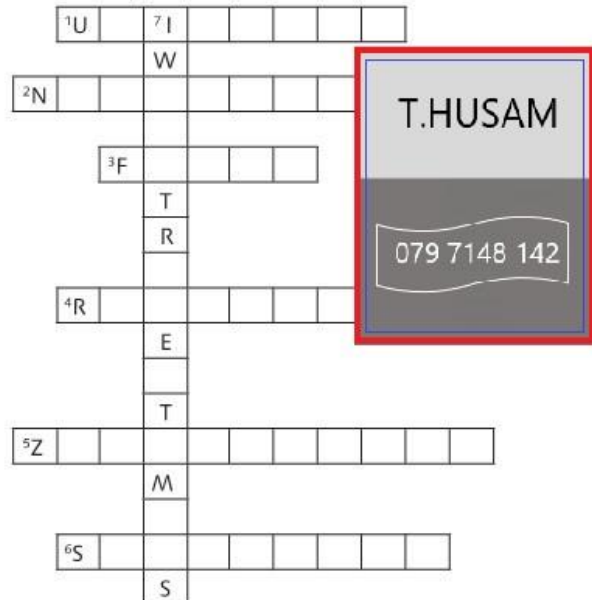
3. A car (take) 30 million years to arrive.

4. Our generation (not reach) the nearest star.



Vocabulary Corner

5 Read the clues and write the words in the puzzle.



1. the whole of space and everything in it; the planets, the stars and the galaxies **Universe**

2. to find which way you need to go when you are travelling from one place to another **Navigate**

3. to move slowly through the air or stay up in the air **Float**

4. to move around something or to turn like a wheel **Revolve**

5. when there is no force of gravity acting on a body **Zero Gravity**

6. a place where old things can be left **Scrapyard**

6 What's the hidden sentence?

7. I will travel to Mars

Third section

Communication

Forming a team

- 1 You are in charge of a new space mission that will explore the solar system. Before you can leave, you need to choose the best possible astronaut to join your team. Each astronaut has strong and weak points so make sure you choose the best one to take into space.

SHARE OUR ADVENTURE

APPLICATION

Name:

Maher

Occupation:

Pilot



My name is Maher. I'm 26 years old. I'm one of the best pilots in my country and I would make a great spaceship captain. I become unhappy if I have to stay in one place for too long. I hope that's okay.

SHARE OUR ADVENTURE

APPLICATION

Name:

Saleem

Occupation:

Engineer



I'm Saleem. I'm 63 years old. I can fix anything and I know how to repair spaceships. I'm also very good with computers, and I could make sure everything on the ship works perfectly. I find some new computers hard to use. I am a grandfather and I want to make my grandchildren proud.

SHARE OUR ADVENTURE

APPLICATION

Name:

Lauren

Occupation:

Medical Doctor



My name is Lauren. I'm 32 years old. I've never been on a plane before. I know everything about the human body and can cure many kinds of disease. I learn quickly and I want to help out in any way I can.

- 2 Write three sentences in your notebook with the strong and weak points for each candidate.

Example: Maher has some strong points. He can pilot a spaceship. However, he can't stay in one place for long.

- 3 Use your notes to discuss with a friend who the best candidate is.
- 4 Write a sentence stating your choice and giving your reasons.

حل الجدول بالصفحة التالية

Name	Strong points	Weak points
Maher	He can pilot a spaceship ...	He can't stay in one place for long ...
Lauren		
Saleem		

Name	Strong points	Weak points
Maher	He can pilot a spaceship.	He becomes unhappy if he has to stay in one place for too long.
Lauren	She knows everything about the human body and can cure any disease.	She's never been a plane before.
Saleem	He can repair spaceship.	He finds some computers hard to deal with.



Spelling

2 Complete the words with the correct spelling.



Saturn has more moons than any other (1) pLanet. There are 34. Although most of Saturn's moons are small, a few such as Titan are very large. Titan is the largest moon (2) revolving around Saturn, and the second largest moon in the (3) solar system. It is bigger than Mercury and Pluto. Its atmosphere is thicker than that of the (4) Earth. Another of Saturn's moons is Mimas. (5) A stronomers call it "The Death Star".

Linking words

3 Rewrite these sentences using **first**, **then** and **finally**. Use the cues to help you.

- a. What will the stages for travelling to Mars be? **First, we will send** a robot to explore the landing site. **Then, it will return** to Earth with a sample of Martian rock and soil and scientists will study this carefully. **Finally, people will travel to Mars**, but not earlier than 2035.

b. When a comet gets close to the sun, **first it will begin** to melt and it will leave behind a beautiful tail. **Then, it will melt** down to a little bit of ice and dust. **Finally, it will disappear.**

c. Imagine you start a trip from the Sun to the end of the solar system at the age of 10. **First, you will find** (you/find) Mercury. This trip will take you 3 months. **Then you will see** Venus, the Earth, Mars, Jupiter, Saturn and Uranus. **Finally, you will reach** Neptune at the age of 56.

4 Describe two events. In the first case, say what you and your family did on your last holidays. In the second, say what you will do on your next holidays. Use **first**, **then** and **finally**.

First, we went to the beach.
Then, we came back to the hotel
and dressed for dinner. Finally,
we had dinner at the hotel
restaurant.

T.HUSAM

079 7148 142

What I have learnt

- 1 Read this text. Then complete with the correct Future Simple form of the verbs in brackets. (2 marks each)

A trip between the stars (1) will take (take) several human generations. How (2) will we manage (manage) this? Well, one possibility is that there (3) will be (be) a group of people on the ship living normal lives. This means that those who arrive at the destination planet will be from the same family as the original crew. Do you think this (4) will be (be) possible soon? However, another option is that computers (5) will guide (guide) the ship while the crew sleeps. Whatever the case, travelling between the stars will be so difficult and will cost a lot!

10

- 2 Look at the information in the table. Then, write five sentences to describe what life would be like on Saturn. (2 marks each)

Facts	Sentences
Sixth planet from the Sun	It will be too cold because it is far away from the Sun.
No solid surface	
Strong winds	
Temperature: -185 degrees	
One Saturn day = 10.2 Earth hours	
Made mostly of hydrogen and helium gas	

10

T.HUSAM

079 7148 142

3 Choose the correct answer. (2 marks each)

1. What _____?
 a. the first people landing on Mars will see **b. will the first people landing on Mars see**
 c. the first people landing on Mars see
2. Once you start the trip between the stars, you _____ be able to stop along the way.
 a. wont b. want **c. won't**
3. Breathing Mars's atmosphere _____ easy.
 a. will not **b. will not be** c. be not
4. Will tourists _____ special astronaut training in the 25th century?
a. need b. won't need c. be need
5. When a shuttle is above 100km high, astronauts can float in the air and enjoy _____.
 a. spaceships b. satellites **c. zero gravity**

10

WHAT I CAN DO

	Always	Sometimes	Rarely
I can use the Future Simple to write predictions.	<div style="border: 2px solid red; padding: 10px; text-align: center;"> T.HUSAM 079 7148 142 </div>		
I can identify the meaning of the vocabulary related to space.			
I can write a dialogue by using clues.			
I can write sentences using facts.			
I can write a paragraph about life on Mars by using notes.			
I can write sentences in the correct order, using linking words to describe a sequence of events.			
I can use vocabulary words to solve a word puzzle and find the hidden sentence.			
I can read applications to write notes about applicants.			
I can work in group on the communication exercise, "forming a team".			
I can edit a formal letter, using capital letters and full stops.			
I can write the new words from the module correctly.			