

**UNIT 6****Lesson 1****Life in other Planets****LESSON SUMMARY****Vocabulary**

CO2

109

Word/Phrase	Meaning	Example
Earth (n) /ɜːrθ/	the planet on which humans and animals live	Scientists believe <b>Earth</b> is about 6.4 million years old.
temperature (n) /temprətʃər/	the degree scale used to express how hot or cold something is	The <b>temperature</b> on the planet is extremely high. Humans can't live on it.
gravity (n) /grævɪtɪ/	the force that makes things fall to the ground	<b>Gravity</b> pulls things down to the ground.
Mars (n) /maːrz/	the fourth planet from the sun in the solar system in terms of distance	People sometimes call <b>Mars</b> the Red Planet.
Venus (n) /viːnəs/	The second planet from the Sun in terms of distance	<b>Venus</b> takes 225 Earth days to complete one rotation.
space station (n) /ˈspeɪs,steɪʃn/	a vehicle that researchers send into space and stays above the earth as a base for astronauts	William wants to work in a <b>space station</b> when he grows up.
oxygen (n) /oksɪdʒən/	an essential gas for people, animals and plants to survive	Animals and plants need <b>oxygen</b> to survive.

**Grammar****Future Simple with *will***

**Usage** We can use the **Future Simple** to predict what we think will happen based on our own opinions and experiences.

**Form****Affirmative**

I think people **will move** to the Moon in a century.

**Negative**

Humans **won't live** on Venus.

**Yes/No questions**

Do you think scientists **will find** evidence about life on other planets?

**Answers**

Yes, I do. They **will** soon **show** the evidence./  
No, I don't. There **will be** no such thing.

**Wh- questions**

**Why** **will** we **live** on the Moon in the future?

Because Earth **will become** overcrowded.

**Where** **will** humans **live** in the future?

Humans **will live** on space stations.

**How** **will** we communicate with each other on Mars?

We **will contact** each other with a very special radio receiver.

## Pronunciation

### Intonation for opinion and interest words



In a sentence, intonation falls on the words that express interest or opinions and we often pronounce them longer than the others.

That's interesting!

That sounds great!

That's terrible!

## PRACTICE



## Pronunciation

Circle the word that has a stress pattern different from the others.

1 A disaster	B century	C history	D energy
2 A oxygen	B volunteer	C gravity	D hospital
3 A library	B dialog	C interest	D afternoon
4 A performance	B engineer	C importance	D agreement
5 A diamond	B badminton	C definition	D management

## Vocabulary

a. Match the descriptions to the words from Lesson Summary. Write them on the lines.

- 1 This is the place where people and animals live. \_\_\_\_\_
- 2 This shows how hot or cold a place or thing is. \_\_\_\_\_
- 3 It is the fourth planet from the Sun by distance. \_\_\_\_\_
- 4 The survival of both people and animals depends on this gas. \_\_\_\_\_
- 5 Researchers use this large spacecraft as a place to live and work in space. \_\_\_\_\_

b. Complete the sentences using the words in the boxes.

temperature

gravity

space station

oxygen

Venus

- 6 Like humans, plants and animals live on \_\_\_\_\_.
- 7 The \_\_\_\_\_ can fall below zero degrees Celsius in winter.
- 8 Venus has the same \_\_\_\_\_ as Earth.
- 9 Every 225 Earth days, \_\_\_\_\_ completes one orbit around the Sun.
- 10 Astronauts stay in a \_\_\_\_\_ when they are in space.

## Grammar

a. Circle the correct options.

- 1 \_\_\_\_\_ believe there will be life on Venus in the future?  
A Will you      B Did you      C Do you      D Can you
- 2 \_\_\_\_\_ we live on Venus in the future?  
A Do      B Will      C Did      D Are
- 3 What will we do when Earth \_\_\_\_\_ overcrowded?  
A is      B are      C were      D will be
- 4 It \_\_\_\_\_ safe for humans to live on the moon because there is not enough oxygen.  
A was      B wasn't      C aren't      D won't be
- 5 Researchers \_\_\_\_\_ still in search of life on Mars. They hope they will find evidence of life there.  
A is      B are      C was      D were



b. Put the verbs in brackets in the correct forms of the Future Simple.

- 6 \_\_\_\_\_ (you/take) a trip to space in the future?
- 7 I think there \_\_\_\_\_ (be) life on Mars in two hundred years.
- 8 In the near future, researchers \_\_\_\_\_ (build) more space stations.
- 9 Do you think other planets \_\_\_\_\_ (have) houses and buildings in the future?
- 10 I think people \_\_\_\_\_ (not/live) on Earth because they will live on Venus soon.

## Reading

a. Read the text about life in space. Match the paragraphs to the information.

**A** The first astronauts to come into space only went up for short trips to see what it was like. Astronauts may now spend weeks or even months living and working in space. They live in a large spacecraft that they often call a space station, which circles or travels around Earth. The astronauts on board spend their days doing scientific studies such as examining the effects of space on the human body and the growth of plants. They also keep the space station running in the right way.

**B** Living in space for a long time will affect an astronaut's body. Many astronauts get space sicknesses, such as a cold head, stuffy nose or puffy face, shortly after entering space. That is because there is not enough gravity in space. Astronauts will have to exercise to stop their muscles from becoming weak. They also need to monitor their bodies to ensure good health and research the effects of space travel on the human body. Besides doing their jobs, astronauts do the same activities back on Earth. For example, they will eat their meals, sleep, relax and enjoy themselves.

**C** Eating food in space is a real challenge. In space, everything will become weightless and start to float away. For instance, food will not stay on a plate, and drinks will drift away from a glass. For that reason, people will have to put them in some special packages, so the astronauts will be able to eat the food directly from the packages. For each space travel, astronauts will bring freeze-dried food. The food will become soft and sticky after the astronauts add water and heat them. They have fresh food delivery from Earth, too.

- 1  Having difficulty in eating
- 2  Doing exercise to keep the body strong
- 3  The same daily activities even in space
- 4  Keeping the machine working perfectly
- 5  Doing some research on the impact of space on humans and plants

b. Read the text again. Answer each question with NO MORE THAN TWO WORDS.

- 6 Where will an astronaut live while in space? \_\_\_\_\_
- 7 What will an astronaut experience soon after going into space? \_\_\_\_\_
- 8 What will an astronaut need to do to avoid weak muscles? \_\_\_\_\_
- 9 What type of food will astronauts carry when going into space? \_\_\_\_\_
- 10 Where do astronauts receive a supply of fresh food? \_\_\_\_\_

## Life in SPACE



## Speaking

Ask and answer the questions about life in the future.

Do you think people will move to Mars?

No, I don't.



### MARS

not enough water / dust storms / extreme cold at night / a lot of CO<sub>2</sub> in the air

Why?

Because Mars doesn't have enough water for us to drink.



### THE MOON

no air to breathe / no water / extreme temperatures / long days and nights

Do you think people will leave Earth?

Yes, I do.



Why?

Because...



### VENUS

active volcanoes on Venus / CO<sub>2</sub> covers the planet / super-hot temperature (465°C) / flat land to build homes



### SPACE STATION

zero gravity causes health problems / difficult to have meals / difficult to have regular showers / have a full view of Earth



### EARTH

many diseases / full of oxygen / different types of pollution / enough food and water

## Writing

a. Make sentences using the prompts.

1 where / think / we / live / two hundred years?

2 I / think / people / have / find / new / home / another / planet.

3 why / people / have / move / other / planets?

4 there / not / be / enough / space / us / live / Earth.

5 you / think / Venus / be / great / place / us / live / on?

b. Put the words in the correct order to make complete sentences.

6 It / be / will / very / on / Mars. / cold

7 has / a / high / temperature. / Venus / very

8 will / move / to / humans / planet / in / the / future. / think / I / another

9 you / think / Do / a / space / will / station / be / a / good / 2100s? / place / to / live / in

10 do / you / overcrowded? / Where / think / will / humans / live / when / Earth / is

### Answer key



• Pronunciation \_\_\_\_/10 pts.  
• Vocabulary \_\_\_\_/20 pts.  
• Grammar \_\_\_\_/20 pts.

• Reading \_\_\_\_/20 pts.  
• Speaking \_\_\_\_/10 pts.  
• Writing \_\_\_\_/20 pts.

Total \_\_\_\_ / 100 pts.

