

A detailed illustration of a space station in orbit above Earth. The station features a central white cylindrical module with yellow accents and several large, rectangular solar panel arrays extending outwards. The Earth's blue and white atmosphere is visible in the background, set against the dark, star-filled space.

**UNIT 4、 SPACE EXPLORATION**  
**Section D、 Reading for Writing & Assessing  
Your Progress & Video Time**

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# Part 1

## Reading comprehension



## 第一步 速读课文 理清脉络

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### Activity 1 Read for the main idea.

What does the text mainly tell us? C

A. Advantages of space exploration.

B. Disadvantages of space exploration.

C. Arguments about space exploration.

D. Solutions to the problems of space exploration.

## Activity 2 Skim for the main structure.

Parts	Main ideas	Detailed information
Part I (Para.1)	1. <u>Introduce</u> different opinions	*Some argue that we should stop wasting time and money exploring space. *Some think the idea is 2. <u>shallow</u> .

Parts	Main ideas	Detailed information	
Part II (Paras.2-4)	3. <u>Benefits</u>	Make a difference in the fight against world 4. <u>hunger</u> .	*Space-based science has helped farming in its efforts to grow enough 5. <u>food</u> to feed Earth' s increasing population.
		Promote 6. <u>technological</u> improvements.	*Space technologies are widely used in all kinds of 7. <u>industries</u> and everyday products.
		Help people to think about the world' s 8. <u>problems</u> and even to find ways to solve them.	*Scientists are trying to find other 9. <u>planets</u> that could one day be our new home.
Part III (Para.5)	Space exploration is 10. <u>beneficial</u> .		*Space exploration should continue.

## 第二步 精读课文 领悟细节

**Activity 3 Read the text carefully and choose the best answer.**

1. Why are some people against space exploration?

C

A. They think we have learnt a lot about space.

B. They think space is heavily polluted.

C. They think it wastes time and money.

D. They think we have other problems to deal with.

2.How does space exploration help fight against world hunger? **A**

A.By helping growing enough food.

B.By providing data on water pollution.

C.By analysing data on hungry population.

D.By reducing natural disasters.



3. Which of the following is connected with space exploration? **D**

A. Electric bikes.

B. Ordinary pillows.

C. Bamboo chairs.

D. Smartphone cameras.

4. What will we realise when we see pictures of the earth as an island in a black sea? **B**

A. There is too large population.

B. Our planet's resources are limited.

C. Our planet has changed a lot.

D. Mars will be fit to live in.

## Activity 4 思考分享 提升思维

1. For what purpose do you think scientists explore Mars?

The answer is open. For example, with the population increasing rapidly on Earth, our planet's resources will become less and less. So scientists have to find other planets that are suitable for humans to live on. Mars is closer to Earth and maybe humans will move to it in the future.

2. Do you think exploring space is a waste of time and money? Give your reasons.

The answer is open. For example, I don't think so. Because exploring space has many benefits for humans. For example, it helps fight against world hunger. Besides, space exploration has promoted technological improvements. What's more, exploring space has helped humans think about the world's problems and find ways to solve them.

## Activity 5 诵读佳句 学练写作

1. Read the passage carefully and find the sentence(s) to describe the opinion of people who are against space exploration.

Some people argue that we should stop wasting time and money exploring space. Instead, we should feed the world's poor and find immediate solutions to other problems, such as pollution and fatal diseases.



2. Read the passage carefully and find the sentence(s) to describe the conclusion that people draw who are in favor of space exploration.

In closing, exploring space provides the world with many different benefits. Therefore, it should continue so as to provide new and better solutions to people's short-term and long-term problems.

## 第三步 深读课文 融会提能

### Activity 6 课文语篇填空

Some people think exploring space is a waste of time and money. However, others argue that 1. it is worthwhile to explore space. The reasons are listed as follows.

First of all, exploring space has already made a difference in the fight against hunger. It has directly resulted in the many satellites 2. that/which now orbit Earth. After analyzing the data on land and weather patterns 3. returned (return) by satellites, scientists can provide recommendations and advice for farmers. As a result, space-based science has helped farming in its efforts to grow enough food to feed the increasing population.

Besides, space exploration has already promoted technological improvements that benefit us all. High-end products around the world 4. are made (make) to a higher standard now because of advanced technology which was first created to meet the requirements for space exploration. Today, space technologies are 5. widely (wide) used in all kinds of industries and everyday products.

Finally, sending astronauts into space 6. has helped (help) people to think about the world's problems and even to find ways to solve them. 7. Seeing (see) pictures of our planet as an island in a black sea made people realise that our planet's resources are 8. limited (limit). Scientists are trying to find other planets to provide for more people.

9. In closing, exploring space provides the world with many different benefits. Therefore, it should continue so as to provide new and better 10. solutions (solution) to people's short-term and long-term problems.

## Activity 7 长难句分析

1. High-end products around the world are made to a higher standard now because of advanced technology which was first created to meet the



which引导的定语从句

requirements for space exploration. to meet the requirements for space exploration.

[尝试翻译]

由于采用了先进的技术,如今全球高端产品的生产标准提高了,而那些技术最初是为了满足太空探索的需求而研制出来的。



目的状语



2. In order to provide for such a rapidly increasing population, scientists are trying to find other planets that could one day be our new home.



that引导的定语从句

[尝试翻译]

为了满足快速增长的人口需求,科学家们正在努力寻找有朝一日能成为我们新家园的其他星球。

## Part 2 Language points



# 基础落实·必备知识全过关

## 重点单词

必记写作词汇	<ol style="list-style-type: none"><li>1. <u>shallow</u> <i>adj.</i> 肤浅的; 浅的</li><li>2. <u>pattern</u> <i>n.</i> 模式; 图案; 模范</li><li>3. <u>monitor</u> <i>n.</i> 监视器; 监测仪 <i>vt.</i> 监视; 监测; 监控</li><li>4. <u>resource</u> <i>n.</i> 资源; 财力; 物力</li><li>5. <u>oxygen</u> <i>n.</i> 氧; 氧气</li></ol>
识记阅读词汇	<ol style="list-style-type: none"><li>1. fatal <i>adj.</i> <u>致命的; 灾难性的</u></li><li>2. high-end <i>adj.</i> <u>高端的</u></li><li>3. foam <i>n.</i> <u>泡沫橡胶; 泡沫</u></li><li>4. pillow <i>n.</i> <u>枕头</u></li><li>5. smartphone <i>n.</i> <u>智能手机</u></li></ol>

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