

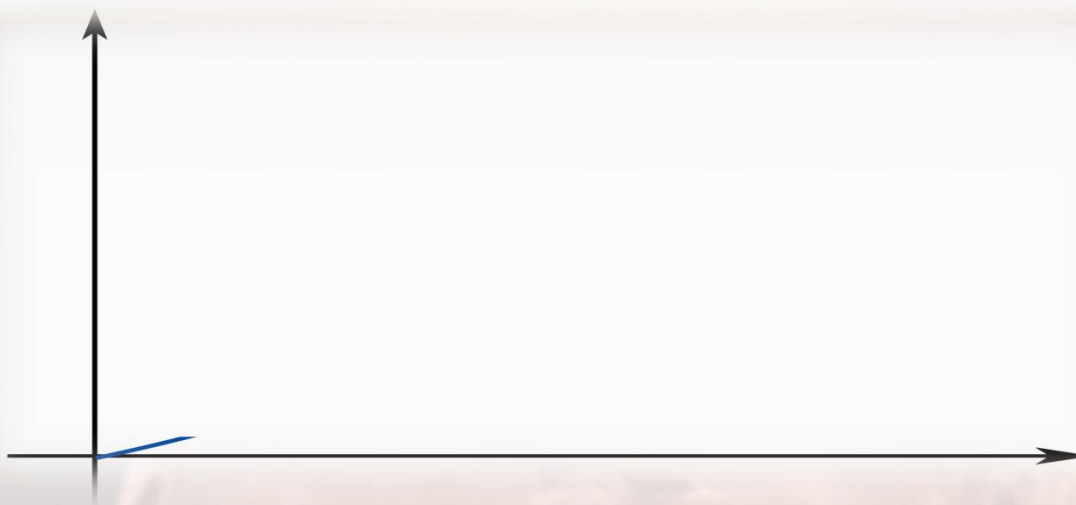
A futuristic space scene. In the foreground, an astronaut in a white and blue spacesuit stands on a dark, rocky surface, looking out over a vast, dark ocean. The sun is low on the horizon, creating a bright orange and yellow glow. In the background, a large, reddish-orange planet, resembling Mars, dominates the sky. A spacecraft is visible in the water on the right side of the image.

Life

on another planet

**Long Cheng Junior Middle School
Cheryl Yang**





crowded adj.
拥挤的

polluted adj.
污染的

rapid adj.
迅速的

rapidly adv.

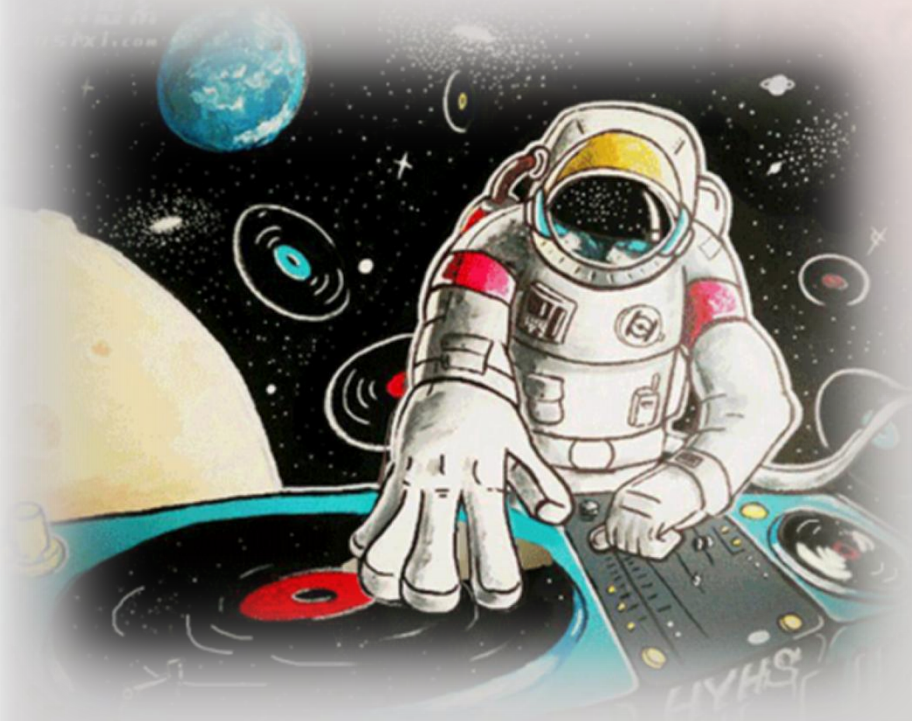




compare v.

比较

(compare A to/with B)



passenger n.

乘客

interplanetary

adj.

行星间的

The Plan of NASA

According to the statistics(数据), our living environment is becoming worse and worse. As is known to all, with the rapid increase in population on the Earth, it is getting more and more crowded and polluted.

Therefore, NASA is planning to make a new type of spacecraft which can carry a large number of passengers to our future home in space. Compared with the Earth, would the new home be better? Beforehand(在此之前), NASA still has a lot of interplanetary research to do.

过去分词作状语

PROJECT

.....
| compared, passenger, crowded, |
| rapid, interplanetary, polluted |

Planets in the solar system (太阳系)



Earth

Mars

Moving to Mars th.

When analyzing statistics during a research recently (分析数据)



password (密码)

- Rules:**
- 1. 5 words;
 - 2. appear randomly(随机出现)
 - 3. hidden in today's reading tasks

Skimming

When

By the year 2100.

Who

Humans.

Why

The Earth is becoming more and more crowded and polluted because of the rapid increase in population.

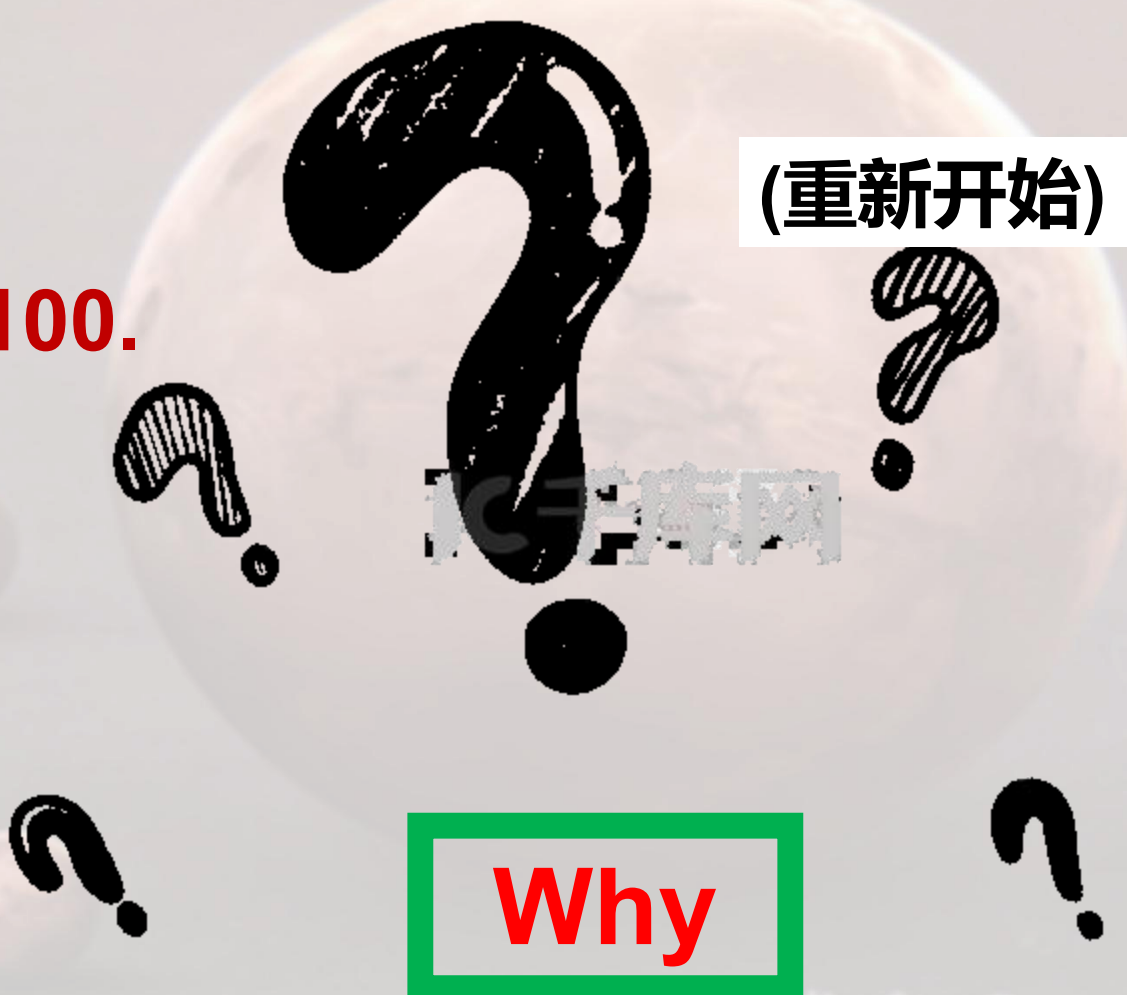
What

People could start all over again and build a better world on Mars.

How

By spacecraft.

(重新开始)



structure

重力

Para. 1

The problem of **gravity** on Mars

Para. 2

Students' study on Mars

Para. 3

Problems of water, **oxygen** and food on Mars

氧气

Para. 4

Reasons

Para. 5

The writer's opinion

Para. 6

The life on Mars

Para. 7

Transportation(交通)

structure

Para. 1



Reasons

Para. 2

Para. 3

Para. 4

Para. 5

Para. 6

Para. 7



Transportation

Problems of water, oxygen and food on Mars

Five aspects(方面) on Mars

The life on Mars

Students' study on Mars



The writer's opinion



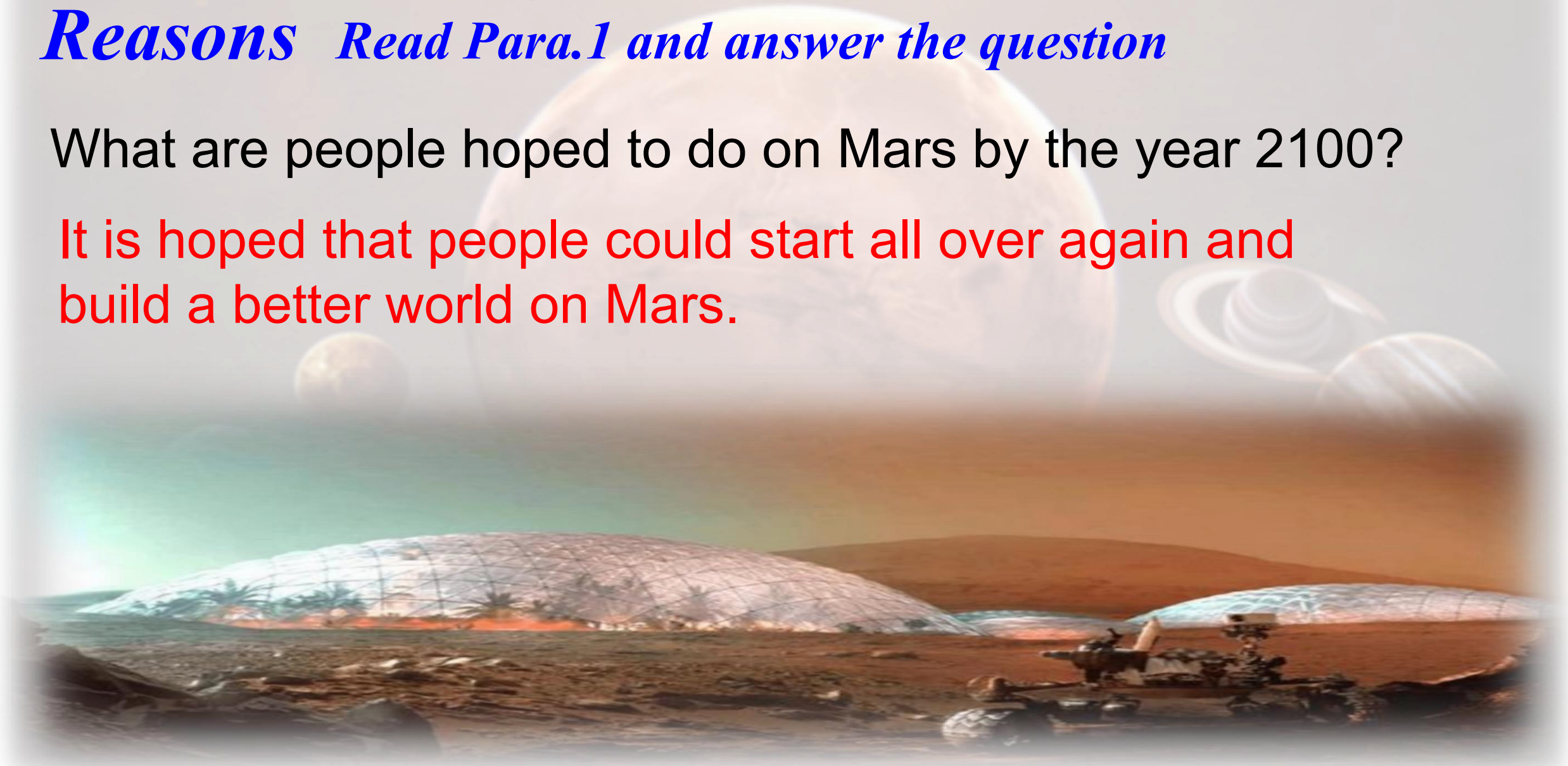
On

Careful reading

Reasons Read Para.1 and answer the question

What are people hoped to do on Mars by the year 2100?

It is hoped that people could start all over again and build a better world on Mars.



Transportation *Read Para.2 and fill in the table*

work in pairs

spacecraft	speed	time	capacity (容量)	feeling
at present	<u>too slow</u>	<u>months</u>	<u>a small</u> <u>number of</u>	<u>/</u>
the development of technology				
by the year 2100	travel <u>at the speed</u> <u>of light</u>	about <u>20</u> <u>minutes</u>	<u>large</u> <u>numbers of</u> people	quite <u>uncomfortable</u> feel <u>ill</u>

Our spacecraft are **so** slow **that** they can't carry large numbers of passengers to Mars.

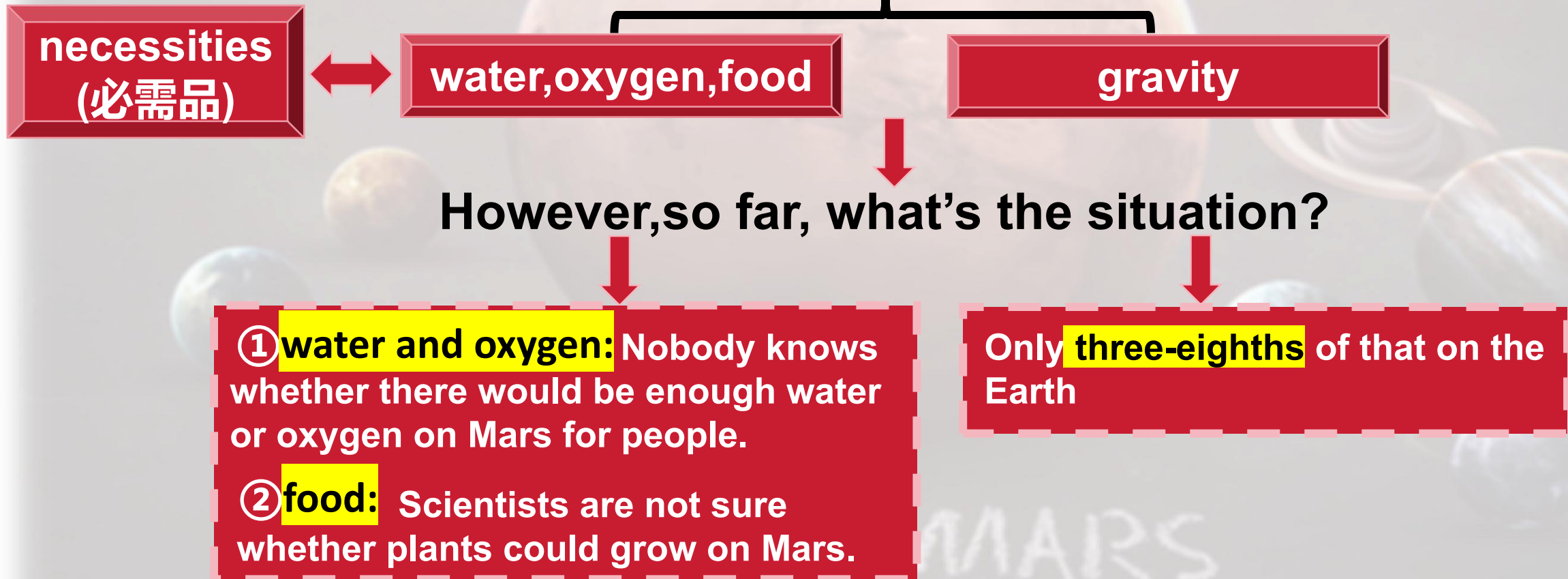


The

Problems Read Para.3 and 4, and finish the task

What problems should we think about if we move to Mars?

Problems





Thinking work in pairs

1. Nobody knows whether there would be enough water or oxygen on Mars.

What should we do?

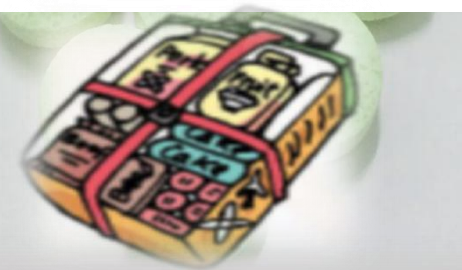
We should **store** enough water and oxygen, or do something to **produce** enough water and oxygen.

Discussion:

If you don't like the food in the form of pills, what would you do on Mars?

They would make food into the form of pills.

It would not be so **tasty**.





Gravity

The gravity on Mars is only about three-eighths of that on the Earth.



attributive clause
(定语从句)

What would happen?

We would float in the air.



To walk as we do on the Earth,
What would we have to do?

We would have to wear **special** boots.



boots [that are specially designed to prevent themselves from floating off into space]



For **life** on Mars, what other factors(因素) should we consider? work in pairs

climate

temperature

safety

resources

medical treatment(医疗)

atmosphere(大气)

.....

MARS

The image features a dark, star-filled space background. In the center, the word "Life" is written in a bold, white, sans-serif font. Surrounding the text are several white geometric shapes: a large triangle pointing up and to the right, a smaller triangle pointing up and to the left, and a horizontal line extending from the left side towards the center. On the right side, there is a faint, glowing planet with a reddish-orange hue. The overall composition is abstract and evocative, suggesting themes of life, space, and geometry.

Life

Life on Mars Read Para.5 and 6, and fill in the blanks

People might live in houses (**with huge comfortable rooms**). (后置定语)



People might live in houses (**which/that have huge comfortable rooms**). (定语从句)

Robots would do most of their

computers (**connected to an interplanetary network**). (后置定语)



computers (**which/that are connected to an interplanetary network**). (定语从句)

place

online schools(at home)

school life

way

study online with computers
connected to an interplanetary network

Further thinking

They would study at online schools with “e-teachers”.

A good thing or a bad thing?

“E-teachers” can be convenient and useful, but they don’t have human feelings and can’t communicate with you if you need to talk and be cared sometimes. Teachers in our life are better.

MARS



Better

Opinion Read Para.7 and answer the question **work in pairs**

What does the writer think **also, and** Mars?

It would be interesting **as well as** challenging.

Interesting?

space?

work?

school?

Challenging?

journey?

food?

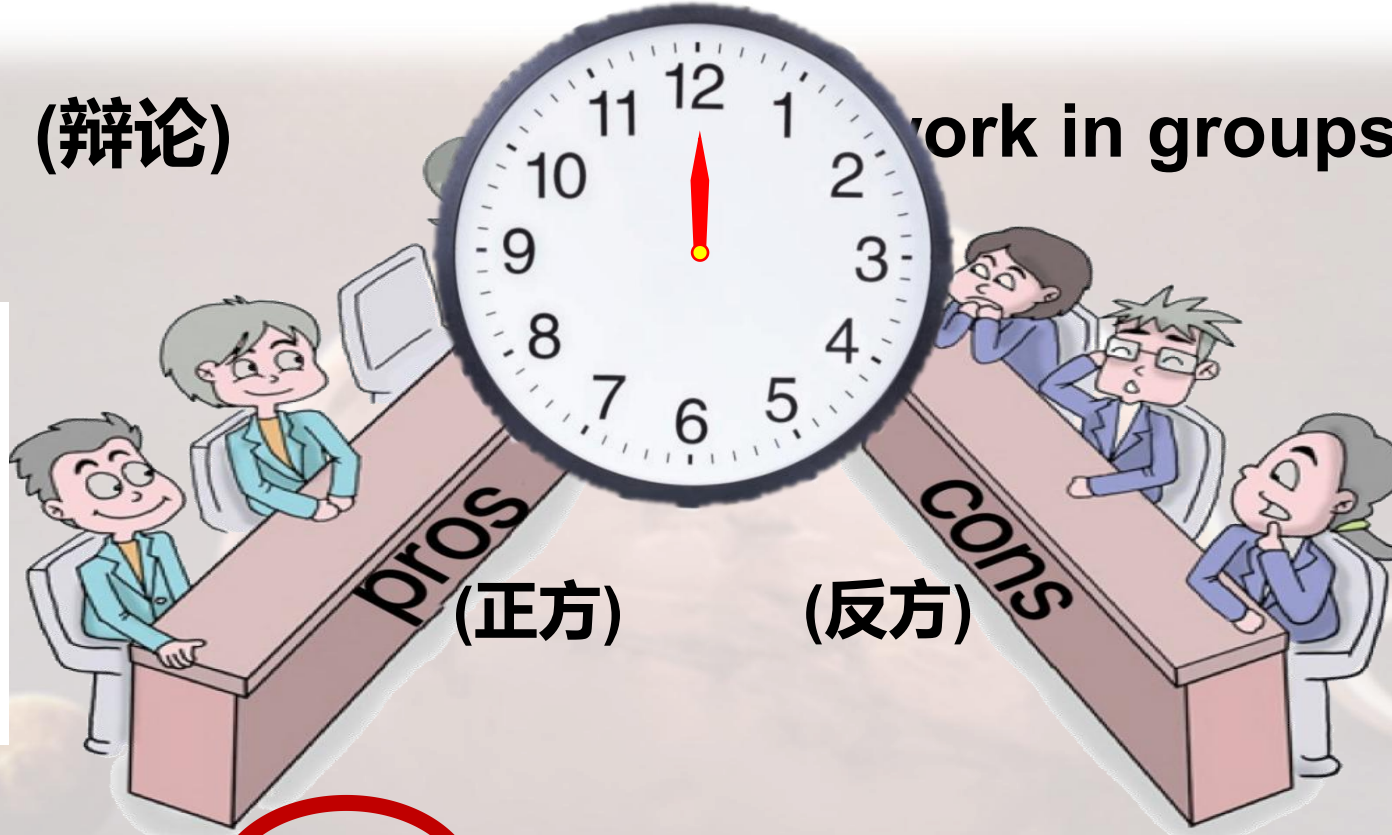
gravity?

MARS

Debate (辩论)

work in groups

pros(正方):
There're more advantages to live on Mars.



cons(反方):
There're more disadvantages to live on Mars.

Moving from the **Earth** to Mars, more advantages(优势) or more disadvantages(劣势)?

- Rules:**
1. Who can tell more points(点) in 1min, who will win!
 2. Your reasons must be reasonable(合理的).
 3. At least 5 points (from or out of the article 从本文或本文之外皆可)



Earth

A composite image of Earth from space, featuring a city skyline, a green field with a tree, a hot air balloon, a satellite, a jet airplane, and a rocket launch. The text "Better Life on the Earth" is overlaid in the center.

Better Life on the Earth



no polluted factories



**plant vegetables in
space stations**



robots do some cleaning



live under the sea



floating gardens



travel by spacecraft

Better Life on the Earth

Make a speech

Requirements(要求): , NASA is planning to.....

1. work in groups of four, one student reports;
2. You **must use** these sentence patterns: too...to...; so/such...that...; so that/in order that...;
3. You **must use** at least an object clause(至少一个宾语从句) and at least an attributive clause(至少一个定语从句);
4. Pay attention to the use of transitional words(过渡词)and conjunctions(连词):
表顺序: first of all, secondly, then, in the end.....
表并列补充: what's more, moreover, besides.....
表转折对比: however, but, although, on one hand...on the other hand...;
表因果: because, so, therefore(因此), as a result(因此)

science and technology. Let's draw together a blueprint for a better tomorrow!(共同绘制蓝图, 共创美好明天)

Homework



Must do:

1. Tell life on Mars to your friends;
2. Search for more information about Mars and space on the Internet.

Choose to do:

1. Make a poster about Better Life on the Earth for class blackboard newspaper(班级黑板报).

A collage of space-related images. In the top left, there are two green, planet-like spheres. In the top center, a cartoon girl with black hair and a red mouth is looking forward. In the top right, a satellite with solar panels is orbiting Earth. In the bottom right, two astronauts in white suits are working on a piece of equipment. The background is a blue and white Earth from space.

Protect our Earth

Explore outer space