

This material is for:

- ① lesson planning (for T);
- ② after-class use (for S).

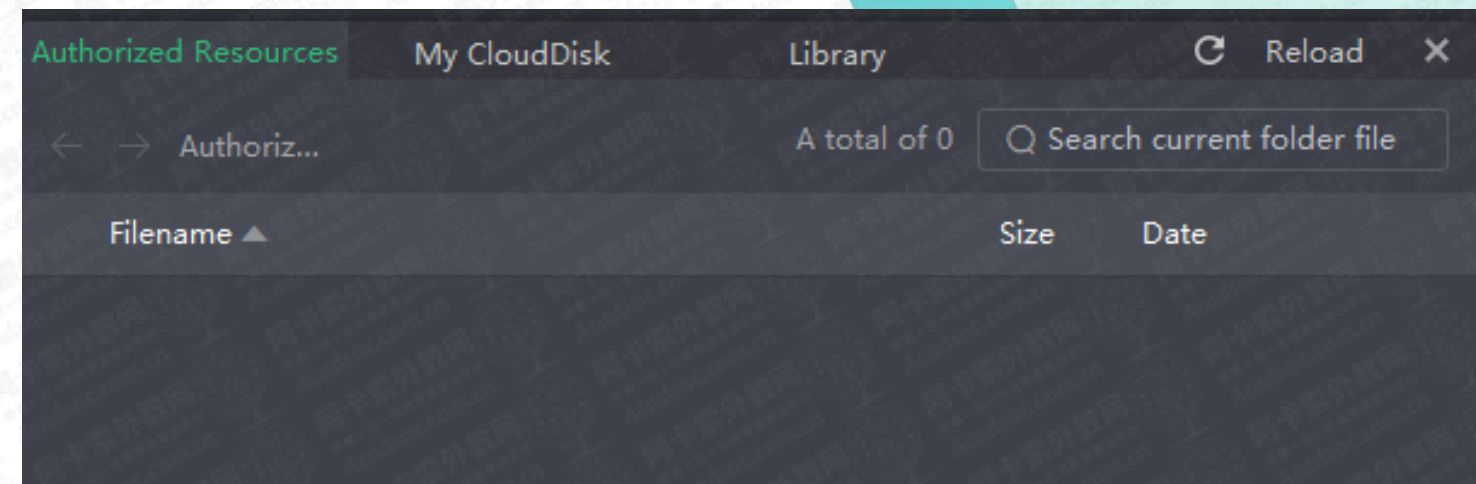
If you are using ClassIn, please go to:

CloudDisk → [Authorized Resources] folder → open PPT material.

本课件仅可用于:

- ① 老师课前备课;
- ② 学生课后自习。

如果正在使用ClassIn软件上课, 请老师在右侧操作栏的[Authorized Resources]文件夹中找到PPT课件并打开, 以获得最佳上课体验。

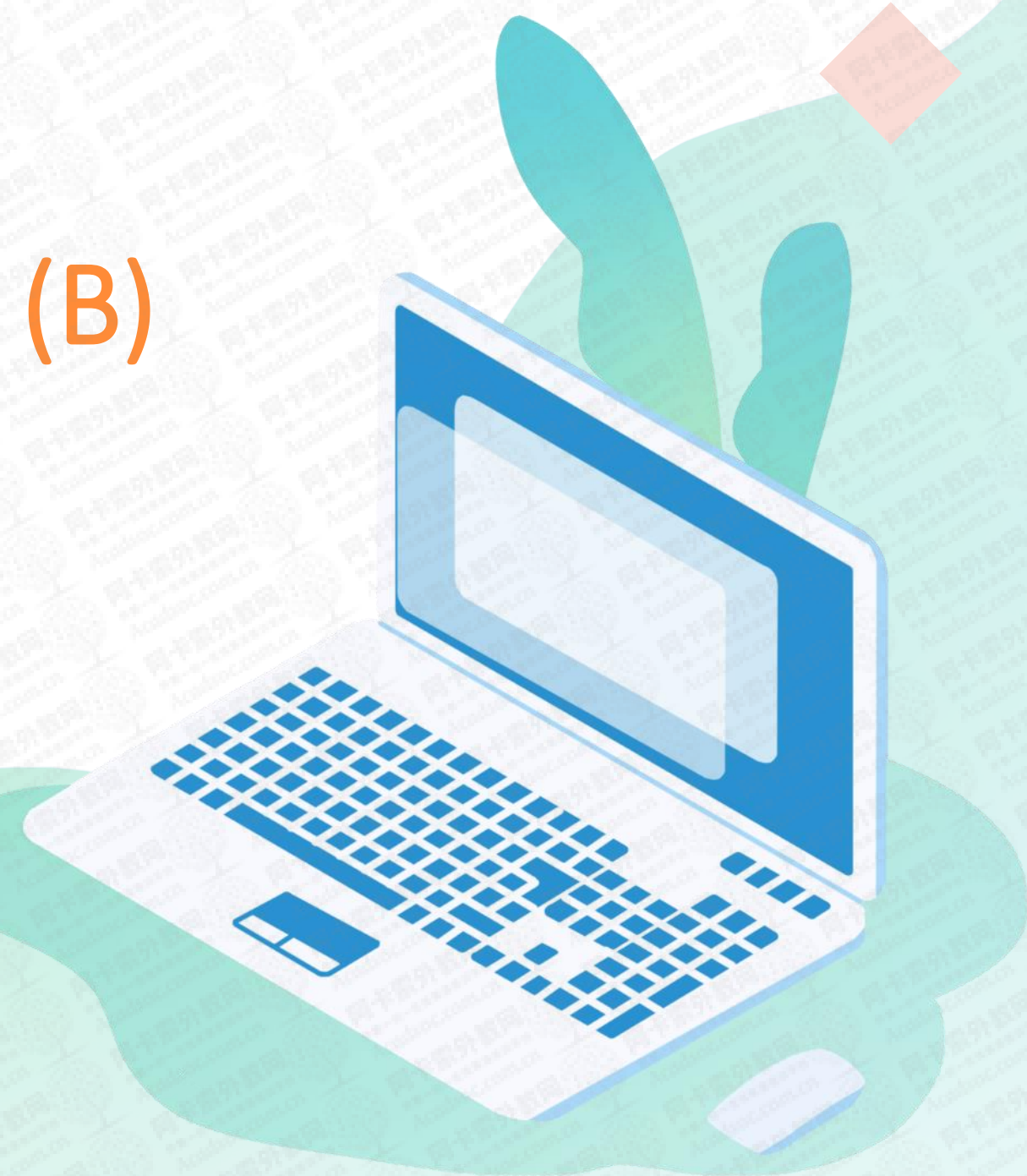


Acadsoc New Classic English 2 (B)

Lesson 26 Trouble with the Hubble (A) 哈勃望远镜的困境 (上)

Learning Objectives:

- 15 words & 4 expressions
- 1 text



(1mins)

A. Warm up

- Today we'll listen to a story about Hubble telescope.

Look at the picture and say:

1. *What do you see in the picture?*
2. *What do you think is happening?*



B. Words

(6mins)

■ Listen to your teacher and read the words.

telescope	/'telɪskoʊp/	n.	望远镜
launch	/lɔːntʃ/	v.	发射
space	/speɪs/	n.	太空
NASA	/'nesə/	n.	国家航空航天局
billion	/'bɪljən/	n.	十亿
faulty	/'fɔːlti/	adj.	有错误的
astronaut	/'æstrɒnɔːt/	n.	宇航员
shuttle	/'ʃʌtl/	n.	航天飞机

robot-arm	/'rəʊbɒt ɑːrm /	n.	机器人手
grab	/græb/	v.	抓
atmosphere	/'ætməsfiə/	n.	大气层
distant	/'dɪstənt/	adj.	遥远的
galaxy	/'gæləksi/	n.	星系
universe	/'juːnɪvɜːrs/	n.	宇宙
eagle eye	/'iːgəl-'aɪ/	n.	鹰眼

C. Text

(3mins)

■ Listen to the text and answer the question.

<http://www.acadsoc.com.cn/IES/Aplayer.aspx?code=E57C1651B3D85C2D>



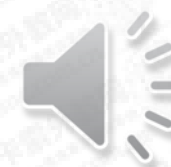
What is the special importance of a telescope in space?

Words you'll hear:

telescope	launch	space	NASA
billion	faulty	astronaut	shuttle
robot-arm	grab	atmosphere	distant
galaxy	universe	eagle eye	

C. Text

<http://www.acadsoc.com.cn/IES/Aplayer.aspx?code=9F73B3124E17395F>



(4mins)



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[1] *at a cost of...*

The Hubble telescope was launched into space by NASA on April 20, 1990 at a cost of over a billion dollars. Right from the start there was trouble with the Hubble. The pictures it sent us were very disappointing because its main mirror was faulty! NASA is now going to put the

耗资为.....

[2] *right from the start*

从一开始

telescope right, so it will soon be sending up four astronauts to repair it. The shuttle

put sth. right [3]

telescope right, so it will soon be sending up four astronauts to repair it. The shuttle

把.....修好

Endeavour will be taking the astronauts to the Hubble. A robot-arm from the *Endeavour* will grab the telescope and hold it while the astronauts make the necessary repairs.

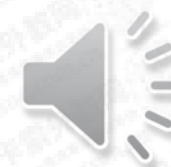


Please turn to next page for remaining text

TI: Listen and guide S through the text.

C. Text

<http://www.acadsoc.com.cn/IES/Aplayer.aspx?code=7C9F3C3D5F9A6E1F>



(2mins)



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Of course, the Hubble is above the earth's atmosphere, so it will soon be sending us the clearest pictures of the stars and distant galaxies that we have ever seen. The Hubble will tell us a great deal about the age and size of the universe. By the time you read this, the *something/somebody's eagle eye, used to describe they are watching sth. carefully or are good at noticing things* Hubble's eagle eye will have sent us thousands and thousands of wonderful pictures.

☞ 形容某物或某人在密切注意，或敏锐观察

What is the special importance of a telescope in space?

TI: Listen and guide S through the text.

D. Summary

(6mins)

- Answer these questions in complete sentences. Your answers to the questions must follow one another and make a complete paragraph in not more than 60 words.

1. When was the Hubble telescope launched into space? What were the pictures it sent us like? Why? (*When the Hubble..., the pictures..., because...*)
2. What will the four astronauts from the shuttle *Endeavour* be doing? What will the pictures from the Hubble tell us? (*and eventually*)

* Tip:

Use future continuous tense and future perfect tense to express an action that is going on in the future and a completed action in the future.

* 小提示:

使用将来进行时和将来完成时来表达将来正在进行以及将来已经完成的动作。

D. Summary

- Answer these questions in complete sentences. Your answers to the questions must follow one another and make a complete paragraph in not more than 60 words.

The Hubble telescope was launched into space by NASA on April 20, 1990 at a cost of over a billion dollars. Right from the start there was trouble with the Hubble. The pictures it sent us were very disappointing because its main mirror was faulty! NASA is now going to put the telescope right, so it will soon be sending up four astronauts to repair it. The shuttle Endeavour will be taking the astronauts to the Hubble. A robot-arm from the Endeavour will grab the telescope and hold it while the astronauts make the necessary repairs. Of course, the Hubble is above the earth's atmosphere, so it will soon be sending us the clearest pictures of the stars and distant galaxies that we have ever seen. The Hubble will tell us a great deal about the age and size of the universe. By the time you read this, the Hubble's eagle eye will have sent us thousands and thousands of wonderful pictures.

* Tip:

Use future continuous tense and future perfect tense to express an action that is going on in the future and a completed action in the future.

* 小提示:

使用将来进行时和将来完成时来表达将来正在进行以及将来已经完成的动作。

E. Review

(3mins)

Words

telescope

NASA

astronaut

grab

galaxy

launch

billion

shuttle

atmosphere

universe

space

faulty

robot-arm

distant

eagle eye

Expressions

1. *at a cost of...*
2. *right from the start*
3. *put sth. right*
4. *sth./sb.'s eagle eye*

■ You may take an extra exercise on the next page.

F. Extra exercise

- Write 2 or 3 sentences using the ideas given below.

There was trouble with the Hubble – the main mirror – faulty – the pictures – disappointing – the shuttle Endeavour – four astronauts – make the necessary repairs – the Hubble – soon send – clearest pictures – ever seen.

Possible answers:

- You'll have more exercises in the next lesson:

Trouble with the Hubble (B)

TI: Find answers on the next page.

F. Extra exercise

- Write 2 or 3 sentences using the ideas given below.

There was trouble with the Hubble – the main mirror – faulty – the pictures – disappointing – the shuttle Endeavour – four astronauts – make the necessary repairs – the Hubble – soon send – clearest pictures – ever seen.

Possible answers:

- 1. There was trouble with the Hubble right from the start.*
- 2. The main mirror was faulty, so the pictures it sent us were very disappointing.*
- 3. The shuttle Endeavour will be taking four astronauts to make the necessary repairs.*

- You'll have more exercises in the next lesson:
Trouble with the Hubble (B)



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See you next time!



您的支持是我们前进的动力，
期待您的五星好评！

