



In this unit, we are going to

- ▶ describe scientists and their work;
- ▶ deepen an understanding of challenges faced by scientists from different cultures and their achievements;
- ▶ analyse and evaluate people's attitudes towards difficulties;
- ▶ identify the author's feelings in reading, and write a descriptive essay.

# 《高中英语》（上外版）

选择性必修第二册第一单元

## Scientists

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# 《高中英语》（上外版）

## 选择性必修第二册第一单元

课时	授课内容
1	Getting Started/ Reading A
1	Reading A/ Vocabulary Focus
1	Reading A/ Grammar in Use
1	Listening, Viewing and Speaking
1	Reading B and Culture Link
1	Critical Thinking
1	Writing
1	Further Exploration/ Self-assessment



# 学习目标 Learning Objectives:

**At the end of the lesson, you will be able to ...**

1. 能通过分析作者呈现钟扬主要事迹的手法和原因，推断文章的写作目的，理解人物专栏文章的语篇特征；

understand the characteristics of a feature article and conclude the author's purpose in writing this passage by analyzing how and why the author presents key facts in introducing Zhong Yang;

2. 能通过分析钟扬应对挑战的行为和他对科研工作的态度，推断其身上所反映出的优秀精神品质；

conclude Zhong Yang's amazing qualities by analyzing his approaches to the challenges he faced at work and his attitude towards his scientific research;

3. 能通过评价文章标题和钟扬在西藏进行的工作，认识科学家工作的社会意义。

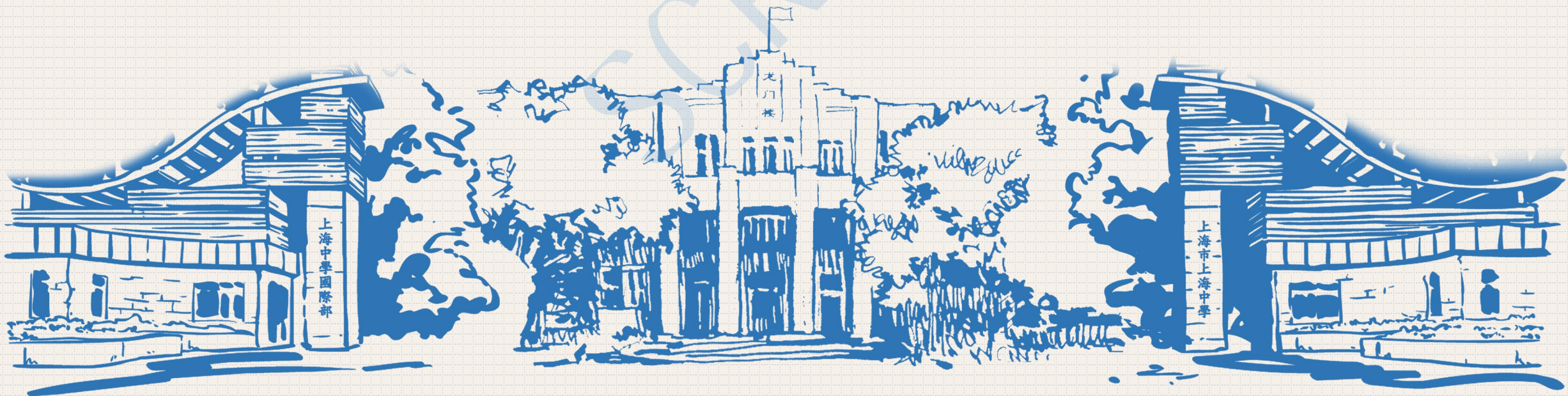
perceive the social significance of Zhong Yang's scientific endeavor through the evaluation of the title of the text and Zhong Yang's work in Tibet.



# U1 SCIENTISTS

## Reading A SAVING TIBET ONE SEED AT A TIME

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**What kind of scientist might the man be? Why?**



# Basic facts about Zhong Yang



## Zhong Yang's contribution as a scientist

- 🌱 He helped collect more than 40 million seeds from nearly 1,000 different kinds of plants from the Qinghai-Tibet Plateau.

## The significance of building the seed bank

- 🌱 A seed bank preserves plant seeds and may have medical or agricultural value in the future. It also protects biodiversity.

## Zhong Yang's work in Tibet

- 🌱 He spent lots of time and energy collecting seeds.
- 🌱 He was devoted to improving education there and helped develop programs of study in biology and other sciences.





# Zhong's scientific research in Tibet



What challenges did Zhong face in his work?



Which detail of the challenges impresses you most? Why?

*Concrete actions/ accurate figures/sensory details/quotes...*





# Zhong's scientific research in Tibet



How did Zhong Yang view his scientific work?





# Discussion



What qualities can we find in Zhong Yang as a scientist and educator?



## Further thinking



**How does the author feel about Zhong Yang and his work?**





## Further reflection



**What can we learn from the title?**

**SAVING TIBET ONE SEED AT A TIME**

**ZHONG YANG: A GREAT EXPLORER IN TIBET**

**COLLECTING 40 MILLION SEEDS FOR TIBET**

**MIRACLE ON THE QINGHAI-TIBET PLATEAU**

**The seeds we have collected  
may sprout one day after a few  
hundred years. By that time,  
who knows how many people's  
dreams will have been realized?**





# Conclusion



A feature article should

- ! explore a newsworthy topic or issue
- ! follow narrative conventions
- ! be written in short paragraphs
- ! combine facts, quotes and opinions
- ! provide a perspective about the topic or issue
- ! include catchy features



# Homework



1. Observe the photo on Page 4 and evaluate whether it is useful enough to give you a better idea of Zhong Yang. Write down your opinions briefly on your worksheet.
2. Decide on one scientist that interests you and write a paragraph of 60 words about him or her. You should cover the following information in your writing:  
*The name and the type of the scientist;*  
*One key fact revealing his or her personal qualities.*



# Homework



## CHECKLIST

- ☐ Is my choice of fact proper enough to reflect the scientist's qualities?
- ☐ Does the paragraph include vivid and concrete details?
- ☐ Is my narrative clear, coherent and grammatically correct?





Thank you!