



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

授课教师：赵祺

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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. 能通过比较学生作业与范例语篇，理解描述性写作的目的与特点，以及感官细节和对话在描述性写作中表情达意的作用；
understand the purpose and features of descriptive writing and the effects of sensory details and dialogues in descriptive writing by comparing one peer's essay with the sample writing in the textbook.
2. 能运用感官细节和对话，润色同伴作业；
apply sensory details and dialogues to descriptive writing by polishing their peers' essays;
3. 能通过细节，在描述科学探索的个人经历的描述性写作中表达情感、态度与品质。
demonstrate their feelings, attitudes and qualities through details in descriptive essays about the experience of exploring science.

Review homework



Assignment

My visit to the Shanghai Science Museum left a deep impression on me and aroused my interest in science.

The items on display were fascinating. I learned much about the history of science. Besides, there are lots of collections for visitors to enjoy.

I spent my whole day in the museum and had a good time.



Descriptive Writing



The main purpose of descriptive writing is to describe a person, place or thing in such a way that **a picture is formed** in the reader's mind.

The success of descriptive writing lies in **the details**.

How?

There are two major ways to make detailed descriptions — using **dialogues** and using **five senses** (**sight, hearing, taste, touch and smell**).

2

Analyze a Descriptive Essay

Topic?

Our class visited a science fair last week. I was so excited that I couldn't sleep the night before! This experience still **remains fresh in my mind.**

Sensory
details

We arrived at the science fair **in the morning**. The place was **overcrowded with students from different schools**. I saw **handmade models of motor cars, trains, ships, aircraft, X-ray machines, etc.** What interested me most **was a model of a human body powered by electricity**. The workings of **the heart, lungs and other organs** of the body were displayed **vividly** before my eyes.

V.S.

We arrived at the science fair. The place was crowded. I saw models. What interested me was a model of a human body. The workings of the body were displayed before my eyes.

Analyze a Descriptive Essay

Topic?



Our class visited a science fair last week. I was so excited that I couldn't sleep the night before! This experience still **remains fresh in my mind.**

...

"That's so cool!" I said excitedly.

The inventor glowed with pride. "I'm always fascinated by how our body works. Our biology and physics classes have really helped a lot!"

"That's amazing! I hope I can come here with my model train next year."

We left the fair with a feeling of joy and wonder. I will definitely visit a science fair again!

Dialogues

V.S.

"That's so cool." I said.

The inventor glowed. "I'm always fascinated by how our body works. Our biology and physics classes have really helped a lot."

"That's amazing. I hope I can come here with my model train next year."

2

Analyze sample sentences

Topic?



Let's see some examples:

1. "Justin," Mum **shouted**, "get in the room now!"
"Just a moment. I'll be right there," said Justin.

(dialogues)

2. Tall, slender, elegant, she was the picture of an African princess

3. She smelled of wet cigarettes and bacon.

(smell)

4. The mother **hugged** the boy, **breathing** her hot breath **onto** his neck.

(sight)

(touch)

5. Mr Jenkins was awakened by a **sharp** noise of a bat hitting a ball.

(hearing)

6. He could feel the taste of blood in his throat.

(taste)





Polished Assignment

My visit to the Shanghai Science Museum left a deep impression on me and aroused my interest in science. The items on display were fascinating. There were several high quality exhibitions in the museum. The one that attracted my attention was about the history of science. Many prestigious scientists and their unparalleled scientific achievements were illustrated both in words and pictures. Although the exhibition were crowded with hundreds of people, I made my way to appreciate the exhibits and read the captions for more information. Through close reading, I learned much about the history of science and decided to search for more materials later.

Besides, there are lots of collections for visitors to enjoy. The exhibition about the magnificent universe, for instance, put a series of HD pictures taken by spacecraft on display. With the audio illustration, I found those pictures easy to understand and grew more curiosity about the universe. The scientific knowledge that once seemed so complicated was no longer hard to understand.

I spent my whole day in the museum and I would like to visit the museum for a second time in my summer vacation.



Polish your partner's homework



Discuss with your partner :

What did the place/the items **look** like?

What sounds did he/she **hear**?

What did it **feel** like?

What did it **taste** like?

What did it **smell** like?

What **conversation** did he/she have?

How did he/she feel?

How to use sensory details and dialogues to polish this essay?





Writing Requirements

sensory details and dialogues; details; vocabulary; sentence structures; voice...

Writing Checklist

1. Do I present a personal experience of exploring science? _____

2. Do I use sensory details or dialogues to enable the reader to experience the event? _____

3. Do I arrange the details appropriately? _____

4. Do I use a variety of vocabulary? _____

5. Do I use varied sentence structures? _____

6. Do I make grammatical errors? _____

7. Does my voice reflect my feelings about the event? _____



Comment on the descriptive writing polished by other students **using the writing checklist** and **give suggestions** for further improvement.

Writing Checklist

1. Do I present a personal experience of exploring science? _____

2. Do I use sensory details or dialogues to enable the reader to experience the event? _____

3. Do I arrange the details appropriately? _____

4. Do I use a variety of vocabulary? _____

5. Do I use varied sentence structures? _____

6. Do I make grammatical errors? _____

7. Does my voice reflect my feelings about the event? _____



1. The science society in your school is celebrating its 4th anniversary next month. You are asked to write about **a personal experience of exploring science in about 100 words.**

It could be a scientific lecture you attended, an experiment you did in school or at home, a visit to a science and technology museum, a science game you played with friends, etc.



Use the following checklist for your descriptive essay.

Writing Checklist

- | | |
|--|-------|
| 1. Do I present a personal experience of exploring science? | _____ |
| 2. Do I use sensory details or dialogues to enable the reader to experience the event? | _____ |
| 3. Do I arrange the details appropriately? | _____ |
| 4. Do I use a variety of vocabulary? | _____ |
| 5. Do I use varied sentence structures? | _____ |
| 6. Do I make grammatical errors? | _____ |
| 7. Does my voice reflect my feelings about the event? | _____ |



2. Prepare for the presentation of the final project.

Present the booklet you have created. Your presentation should last no more than 10 minutes and should respond to the following questions:

- 1). What is the title of the booklet? Why did you decide on this title?
- 2). Who are the scientists of your choice? Why did you make such choices?
- 3). Among all the facts, which is the most impressive one that reflects the scientist's qualities and why?
- 4). Among all the quotes, which is the most impressive one and why?
- 5). What do you think of each scientist? Use one word for each scientist to make comments.
- 6). What is your reflection on your learning of this unit and your experience of designing the booklet?

Thank you!