《高中英语（上外版）》必修第三册

第四单元 Life and Technology

第 3 课时学案（教师版）

课题： Listening and viewing

课时学习目标：

- 能够通过记录听力材料中的数据及相关信息，了解美国人对现代科技的不同态度，正确使用单元主题词块表达自己对现代科技的态度。
- 能通过看前探讨，看中记录，理解 VR 科技的主要特点，了解老人这一特殊群体对新科技事物的态度。
- 能结合 Cultural Link 中的信息，进一步了解人们对科技事物的不同认知，利用主题语境相关语汇，学会表达自己的观点。
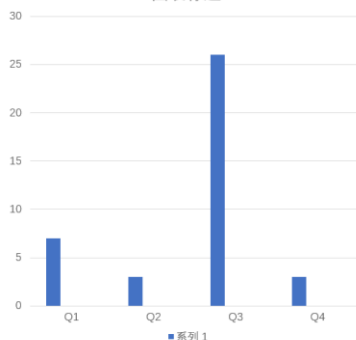
Learning Procedure

I. Warm-up

Group discussion: The following are some possible negative effects of modern technology. Which one do you agree with? Why?
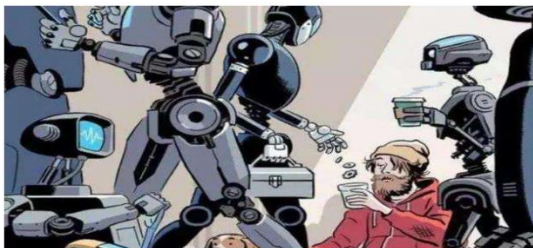

- ➢ do repetitive work
- ➢ easy to control
- ➢ lack critical thinking
- ➢ income inequality
- ➢ cost-effective
- ➢ bring more profits
- ➢ more accurately and efficiently
- ➢ without complaint

II. Listening: Learning about Americans are Worried about New Technology (Report)

Take notes while listening.

Step 1: Ask students to predict the topic "Americans are worried about New Technology"

Step 2: Ask students to listen to the first paragraph of the news report and write down the main concern.

Americans Are Worried about New Technology (Report)

They are concerned about

machines, including robots, will take over work done by humans.

Step 3: Ask students to listen to rest of part of the news report and fill in the blanks.

Concerns		Reasons	Target words and phrases

	➤ 75 percent of Americans: Automation will increase 1 <u>income</u> inequality.
	 ➤ 2 <u>64</u> percent of Americans: people will face difficulty
	 ➤ Machines will not always make 3 <u>the right decision</u>
	   ● 4 <u>75</u> percent of Americans: They would not apply for a job that uses a computer program to choose the most qualified person.
	   ● 56 percent of Americans: They would not ride in a 5 <u>driverless car</u>
	 ➤ 6 <u>33</u> percent of Americans: They believe their jobs are threatened by automation.
		lack creative thinking;
		 lack social skills;
		 lack critical thinking;
		 lack sense of security
			automation, inequality, distrust, driverless, caregiver

Demands	➤ 7 <u>87</u> percent of Americans : Require all self-driving cars to have a human in the driver's seat who can 8 <u>take control</u> when needed ➤ 9 <u>85</u> percent of Americans: Limit machines to mostly doing jobs that are 10 <u>dangerous or unhealthy</u> for humans.	Worry about their safe	take control, be dangerous or unhealthy for ···

III. Group Activity: Discuss the question

Discuss the question

What jobs do you think will probably disappear in the next 50 years? Why?

Jobs: lorry drivers, taxi drivers, hotel workers, lawyers, factory workers, delivery man, accountant, interpreter…

- Do repetitive work
- Easy to control
- Clearly define the process which can be programmed by computer

IV. Viewing: VR Technology (Documentary clip)

Step 1: Invite the students to predict the content of viewing material based on the given picture.

Step 2: Invite the students to share their knowledge about VR and give opinions on this technology.

VR?
virtual reality

- a computer system
- a special headset
- tiny television screens.
- a special data glove.
- can reach out and touch thing in the artificial world.

Step 3: Watch the video. Finish the exercise and find out what the elderly people can do again with the help of VR.

1. The elderly couple have not yet been to _____.
   A. Japan   B. Thailand   C. France   D. South Korea
2. Which of the following statements is not true according to the video?
   A. The young man works in New York City.
   B. It upsets the elderly couple that they can't easily go out.
   C. The elderly couple enjoy the VR experience a lot.
   D. VR takes the elderly couple back to some islands in Thailand.
3. According to the video, VR technology _____.
   A. brings the elderly couple back to the places they visited a long time ago
   B. helps the elderly couple visit places they have never visited before
   C. helps to treat the elderly couple's mental illnesses
   D. shows the elderly couple pictures of their working places in New York

Questions	Answers	What can the elderly people do again with the help of VR?
How many people are they in the video?	Three.	➢ To see places where they have been.
What' s wrong with the elderly couple?	They can't walk.	➢ To remember …vividly
What is the young man' s job?	He does music therapy at nursing homes.	➢ To get to relive memory …could no longer access because …can't get here physically.
What did he integrate into the programs?	Virtual reality.	➢ To empower someone with happiness and joy.
What are the elderly couple's attitudes toward virtual reality?	They are interested in VR.	

V. Homework

Required:

1. Read the Culture Link "The Amish People and Technology" and answer the following questions:

    1) How do they select to use the modern technology?

    2) Why are they highly selective in the way they use technology?

    3)Why more technology use are permitted in recent years?

    Be prepared to share your ideas in the next period.

2. Write 5-8 sentences to express your ideas of the development of modern technology.