# 《高中英语》(上外版)选择性必修三 第四单元 第6课时 学案(教师版)

#### I. Revision

Interactive activity 1: Review the environmental problems discussed in this unit by answering the following question.

Q: What environmental problems have been discussed in this unit?

- Reading A: global warming
- Listening: cutting-down of the rainforest
- Viewing: disasters (hurricanes, earthquakes, floods, and droughts)
- > Cultural Link: carbon footprint
- Reading B: waste in the ocean

Interactive activity 2: Retell the suggested solutions to the waste problem in the ocean with the help of the diagram.

#### **Solution 1**

For organisations:

Organisations like Ocean Conservancy have organised International Coastal Clean-up.

Expected result:

By cleaning up rubbish you are protecting the ocean environment and the animals that live there.

#### **Solution 2**

For individuals:

- 1) Individuals should use less packaging and pay attention to where they throw away the rubbish.
- 2) Individuals can also take part in ocean clean-up day.

Expected results:

- 1) Less packaging and fewer products are a step on the way to more sustainable development.
- 2) If rubbish is picked up from the beach, it will not flow out to the ocean and cause problems for animals that eat it or become trapped in it.

#### II. Critical Thinking

Interactive activity 3: Discuss the criteria for evaluating the feasibility of a solution.

#### The Criteria for the Feasibility of a Solution

☐ Is the cost of time, money or energy within a reasonable range?

☐ Can it be done in practice?
☐ Will it be effective?
...

Interactive activity 4: Discuss in groups, illustrate the consequences of global warming and think of the solutions and the expected results based on the diagram.

## **Problem with the earth**

Problem: Global warming

Consequences: Global warming increases the possibility of extreme weather events, accelerates the melting of ice caps and the rise of sea level, etc.

# –Solutions to the problem-

#### Solution 1

For organisations:

1) Organizations like China
Environmental Protection Foundation
have organised "Automotive
Environmental Innovation Leadership
Program".

Expected Result: By this program, more eco-friendly cars will be developed.

2) Ant Financial Service Group has launched Ant Forest program.

Expected result: Ant Forest has motivated a half-billion people to jointly protect the environment by turning their green deeds into an afforestation campaign.

## **Solution 2**

For individuals:

1) Individuals can reduce waste by choosing reusable products instead of disposables.

Expected result: By recycling, you can save the resources.

2) You can reduce the use of electricity, water and gas, like taking public transportation instead of private cars.

Expected result: By reducing the use of electricity, water and gas, you can save energy and reduce your greenhouse gas emission.

Conclusion: If we all make efforts to reduce greenhouse gas emission, global warming will be slowed down and the environment will be more pleasant.

(Answers may vary.)

Interactive activity 5: Present ideas and make comments on the feasibility of the solutions based on the criteria.

My notes				
Solutions Expected results		My comments		

III. Homework			
Analyse another environment following diagram.	ital problem in the	"problem-solution"	' pattern by completing the
	Problem with	h the environment	
Problem:			
Consequences:			
		Û	
	Solutions	to the problem—	
Solution 1		Solution 2	V
For organisations:		For individu	als:

Conclusion: