**Unit 13 The Second Period**

Teaching Aims:

1.Learn and master the following words and phrases:

cube,property,range,medium,relatively,dissolve,pure,relationship,mass,float,absorb,bottom,all the way,that is,add…to,mix with,take advantage of,manage to do

2.Improve the students’ reading ability.

3.Enable the students to realize that it is important to protect the water on our planet.

Teaching Important Points:

1.Improve the students’ reading ability.

2.Master the following phrases:

all the way,that is,mix with,take advantage of,manage to do

Teaching Difficult Point:

How to make the students understand the reading passage better.

Teaching Methods:

1.Discussion before reading to make the students interested in what they will learn.

2.Fast reading to get a general idea of the text.

3.Discussion after reading to make students understand what they’ve learned better.

4.Careful reading to get the detailed information in the text.

Teaching Aids:

1.the multimedia

2.the blackboard

Teaching Procedures:

CStep Ⅰ Greetings and Revision

(Greet the whole class as usual.)

T:Yesterday we learnt something about water.Now who can tell me what you learned yesterday?

S1:I learned that water is very important to all the living things on the earth.

T:OK,can you give me the reason why it is important?

S2:Water can be used to wash clothing,to made electricity,to water the farm and so on.Of course,every day we must drink enough water.So water is very important.

T:Anything else?

S3:I know something about water.For example,from the experiments we made yesterday,I know vegetable oil can’t be dissolved by water.

CStep Ⅱ Pre-reading and Reading

T:OK.Thank you for your answers to my questions.As we all know,we can’t live without water.But do you know what makes water so important to all the living things?

Ss:No,we don’t know.

T:Maybe we can get the answer to the question after reading the article for today.Before you read,first let’s learn the new words and phrases in the passage.

(Teacher deals with the new words with the whole class.)

T:Now please read the passage quickly to get the general idea and try to use the following structures to make six questions.

(Teacher uses multimedia to show the structures on the screen.)

1.What is/are \_\_\_\_\_\_?

2.What does \_\_\_\_\_\_ look like?

3.What are different parts of \_\_\_\_\_\_?

4.What can \_\_\_\_\_\_ be compared to?

5.How does \_\_\_\_\_\_ work?

6.What are some examples of \_\_\_\_\_\_?

(Teacher gives students five minutes to finish the fast reading and making questions.Five minutes later,teacher asks some students to write their questions on the blackboard.)

1.What are the properties of water?

2.What does the earth look like?

3.What are different parts of the ocean?

4.What can the ocean be compared to?

5.How does the special air-conditioner—the ocean work?

6.What are some examples of species in the ocean?

T:Well done.Who can tell me the general idea of the text?

S4:The passage mainly tells us it is water that makes the ocean so important to all the living things in the world.

T:Good work.Next,let’s read the passage carefully to get more information about water.While you are reading,try to finish the chart in Post-reading on Page 21 and find out the answers to the questions on the blackboard.

(Teacher gives students enough time to read the text and collects their information for the chart.)

Suggested answers:

|  |  |  |
| --- | --- | --- |
| Property | What is it? | What is it good for? |
| Chemical structure | Every water molecule is made up of two hydrogen atoms and one oxygen atom. | It is good for the living things in the ocean to absorb the nutrients easily. |
| Density | The density of pure water is 1 000 kg/m3,meaning that one cubic metre of water weighs one thousand kilogram. | It is good for marine organisms to take advantage of the density of water. |
| Heat capacity | Heat capacity is the amount of energy it takes to raise the temperature of a substance one degree centigrade. | It is good for the earth to keep the temperature steady. |

T:Very good.What about the questions on the blackboard?

S5:I think I can answer the first one.The answer is that the properties of water are chemical structure,salinity density,heat capacity and ocean motion.

S6:In my opinion,the answer to the fourth question is that the ocean can be compared to a great place to live in.

T:Do you agree with them?

Ss:Yes.

T:What about other questions?

S7:I think plankton,sharks and whales are examples of species in the ocean.

S8:The answer to the second one is that the earth looks like an ocean planet.

T:You are quite right.Any volunteers?

S9:Dear teacher.Can you tell us the meaning of the special air-conditioner—the ocean?

T:Maybe it means that there are some similarities between air-conditioner and the ocean.

S9:Thank you.I got it.

T:Then,who can answer the question?

S10:Because the ocean can keep the temperature of the earth steady,some students compare the ocean to a special air-conditioning.I think the ocean keeps the temperature of the earth steady by absorbing and releasing heat.

T:Well done.There is only one question left.Who wants to try?(Nobody answers the question.)

T:Do you think it is a question that the text can’t answer?

Ss:Yeah.We think so.

T:OK.Maybe you are right.But I want to know the reason why you think the passage can’t answer the third question.

Ss:Because there is not any information about the different parts of the ocean.

T:Then,are there any questions you would need to add to “cover” all the information in the text?

S11:I have a question.Why is the water in the ocean always moving?

S12:Since changes in salinity and temperature affect water’s density,the water in the ocean is always moving.

CStep Ⅲ Further Understanding and Language Study

T:Well done.I think you are very familiar with the passage.In the passage there are some words and expressions we should master.Now let’s look at the screen.I will give you some explanations about the words and expressions.

1.incredibly *adv*. (extremely or unusually)

e.g.The water is incredibly hot.

2.available *adj.*(that can be used or obtained)

e.g.Tickets are available at the box office.

The book is available to all the students.

3.range *vi.*

range from A to B

e.g.Their ages range from 25 to 50.

His interests ranged from chess to canoeing.

4.But the way the water molecule…

e.g.I don’t like the way (in which/that) he looks at me.

They admired the way (in which/that) she dealt with the crisis.

5.that is (to say) (which means)

e.g.A week later,that is,May 1 is her birthday.

He is a local government administrator,that is,he is a Civil Servant.

6.take advantage of (make use of something well/make use of somebody unfairly)

e.g.They took full advantage of the hotel’s facilities.

She took advantage of my generosity.

7.be sensitive to something (affected easily by something)

e.g.She is very sensitive to other’s words.

(Teacher writes the words,phrases and sentences on the blackboard.)

CStep Ⅳ Listening and Reading Aloud

T:Let’s listen to the tape.When I play it for the first time,just listen to it.When I play it for the second time,please listen and repeat.Then read the text aloud.Are you clear about that?

Ss:Yes.

(Te teacher plays the tape for the students to listen.After listening,the teacher goes among the students and corrects any mistake the students make in pronunciation,stress and intonation.)

CStep Ⅴ Summary and Homework

T:Today,we have read a passage about water.As we know,it is very important to all the living things.So we should do all we can to protect water from being polluted.In addition,try your best to retell the passage in your own words.Is that clear?

Ss:Yes.

T:See you tomorrow!

Ss:See you tomorrow!

CStep Ⅵ The Design of the Writing on the Blackboard

Unit 13   The water planet

The Second Period

Questions:

1.What are the properties of water?

2.What does the earth look like?

3.What are different parts of  the ocean?

4.What can the ocean be compared to?

5.How does the special air-conditioner—the ocean work?

6.What are some examples of species in the ocean?

Words:incredibly,available

Phrases:range from A to B,that is,take advantage of,be sensitive to

Sentences:But the way the water molecule…

CStep Ⅶ Record after Teaching