

Конспект открытого урока в 7-ом классе

Тема: “Ecological problems”

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Тип урока: урок – конференция.

Основные воспитательные и общеобразовательные задачи:

1. Формирование самостоятельной познавательной деятельности.
2. Повышение уровня мотивации учащихся через нестандартные уроки.
3. Формирование личности на основе совместной деятельности учащихся.
4. Воспитание интереса к происходящему на планете.
5. Воспитание активной жизненной позиции.

Цель урока: систематизация изученного материала в рамках данной темы, совершенствование навыков монологической речи.

Задачи:

1. Развитие навыков монологической речи.
2. Развитие навыков говорения.
3. Повторение пройденного материала.

Средства обучения:

а). Основные: УМК О.В.Афанасьева, И.В. Михеева English 7 класс.

б). Дополнительные:

1. кассета
2. магнитофон
3. раздаточный материал
4. компьютер
5. видеоролики

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Вед. 1: Good afternoon, our guests. We are glad to see you here in our conference on the ecological problems. We are sure that you understand how serious ecological situation is and how important, extremely important, to start solving these problems.

Вед.2: Let me introduce the members of our organization “World without pollution”, scientist, explorers and ecologists from the USA, France, Italy, Russia and Great Britain. They spend days and nights exploring our planet, learning the consequences of disasters and trying to show people that we should do all our best to protect our fragile planet.

Вед. 1: Dear guests, how do you think what these global problems are?

Гости: water pollution, air pollution...

Вед.2: Yes, you are absolutely right, but not only. There are much more problems, could you help, dear scientists?

Ученые: greenhouse effect, rubbish, industrial wastes, traffic jams, endangered species of animals, acid rains, deforestation, poor soil, poisoned food.

Вед. 1: Impressive list, isn't it? And now, dear guests, I ask you to put these problems in the order of importance. Inna Gennadievna, your opinion, what is the first problem? ... Thanks a lot, ...

Вед.2: And now you, dear experts, do the same please. What is the most serious problem for you?

1. Air pollution.
2. Traffic jams.
3. Industrial wastes.
4. And as a consequence water pollution.
5. Endangered species of animals.
6. Rubbish.
7. Greenhouse effect.

Вед. 1: Well, and now it's high time to fix our attention on problems in detail. Martirosyan Kristina and Golubeva Lera are the specialist in the sphere of air pollution and they will tell us about it.

Кристина: Good afternoon ... Ecology is a very popular word today. But what does it mean? Ecology is a science which studies the relationships between all forms of life on our planet and the environment. Since ancient times Nature has served Man giving him everything he needs: air

to breathe, food to eat, water to drink, wood for building and fuel for heating his home. For thousands of years people lived in harmony with the environment, but with the beginning of the industrial revolution our negative influence on Nature began to increase.

Лера: Video, please. Every year the atmosphere is polluted by about 1000 tons of industrial dust and other harmful substances. Big cities suffer from smog. And you certainly know that most of the pollution in big cities comes from cars and buses. Yes, cars with their engines have become the main source of pollution in industrial countries. In America and Europe almost 1/3 of population has cars.

Кристина: By the way, you, dear guests. Have you or your family got a car? (обратиться к гостям). 5 persons with cars out of Draw conclusions yourselves. And what about you, dear colleagues, who has got a car? Nobody? Why? (ученые объясняют почему). You know that in New York just breathing the air is life threatening – equivalent to smoking two packs of cigarettes a day. The same holds true for 20 cities of Europe and Russia. I hope that nobody smokes here. No?

Лера: Nowadays more and more often people are told not to be in direct sunlight because ultraviolet radiation from the sun can cause skin cancer. Normally the ozone layer in the atmosphere protects us from such radiation, but if there are holes in the ozone layer ultraviolet radiation can get to earth. Many scientist think (we think) that these holes are the result of air pollution.

Вед.2: Kristina, Valeria, that's a lot. Frightening, isn't it? What is the second problem? Water pollution. Oceanographers Nesterov Andrew and Basova Kate will tell us about it.

Катя: It's not a secret that sea, ocean, river and lake waters are polluted now. Fish and reptiles can't live in them. There is not enough oxygen in the water. In such poisoned places all the birds leave their habitats and many plants and fish die. It happens so because factories and plants produce a lot of waste and pour it into rivers and lakes. So they poison the water. The Pacific ocean, especially, has suffered from nuclear pollution because the French government tests nuclear weapons there. Many seas are used for dumping industrial and nuclear waste.

Do you like to swim, dear guests? (Ответы) Everybody likes to go to the river, lake or sea to swim, lie in the sun and just to spend some hours outdoors. But if there are chemicals in the water, it is not safe for swimming.

Андрей : One more problem is that rivers and lakes dry up. One of the most recent examples is the Aral Sea, which has become much smaller due to man's activity. The Mediterranean is already nearly dead, the North Sea is following, some lakes and rivers are on the brink of extinction.

More than 20 years ago a pulp-and-paper factory was built on the shore of Lake Baikal. As a result of the pollution, more than 30 percent of the world's purest water has been poisoned. The whole ecological system of the lake has changed greatly. These problems are arising from man's careless attitude to ecology.

Вед. 1: Thank you very much. So, some problems are already discussed, but there are still some ones to talk about. And the next problem is endangered species of animals. The former zoo – keepers and vets and now famous zoologists Leontieva Olga and Koveshnicova Rita are going to tell us about extinct animals.

Рита: Dear colleagues, what extinct or endangered species of animals do you know? (ОТВЕТЫ) Do you know that every 10 minutes one kind of animal or bird dies out forever? And if nothing is done about it, one million species that are alive today will have become extinct twenty years from now. The reason is Man who kills animals and destroys their habitats.

Ольга: It's not just animals that are in danger. So are plants. The world had over 9 million square km. of forests. But they are disappearing fast. Every day we use paper and cardboard, both made from wood. We use different kinds of wood in furniture and other ways. Every year over 100 000 sq. km. of forests are cleared for different uses, and a lot of forests are so badly damaged that they will hardly be able to recover. This includes rain forests in South America, Africa and Asia.

There are many illnesses which we still cannot cure. It may be that the medicines we need will be discovered in wild plants in savannas, deserts or rainforests.

Рита: We are the only species that can change the world, and we are the only species that can choose either to look after our world or to destroy it.

Вед.2: The next serious problem is trash. In 2000, each person in the world threw away about 1 kilo of rubbish daily. Put it up all together and you would fill 45000 trash trucks every day. Gribanov Andrew studies this problem and he will tell us about it.

Андрей: At first I want to ask you what trash is. What things can be trash? (ОТВЕТЫ)

You know that dumps are almost airtight and watertight. These conditions actually preserve garbage. Without air and water even bread, paper and leaves break down very slowly. How long do you think litter lasts? Take the photocopy and circle the correct answer.

Now let's compare your answer with scientific facts. It takes a traffic ticket 1 month to decompose.

Video, please. Look at these piles of trash. Soon we will be covered with dirt and gasp for air. Some trash gets burned. When plastics and some other manmade things are burned, gases are given off. Too much of these gases can make people and animals sick.

Вед. 1: As Andrew said people produce too many gases and because of that the earth is getting hotter. These gases are the main reason for the greenhouse effect. Zuravleva Martha, who studies this phenomenon, will tell us about it.

Марта: Look through the window. Don't you think that climate has really changed? Winters have become warmer. Sometimes there is little snow in January and there are winters when it rains, not snows. It is so because of the greenhouse effect. Have you ever heard about it? It

works like this: Sunlight gives us heat. Some of the heat warms the atmosphere, and some of the heat goes back into space.

During the last 100 years people have produced a lot of carbon dioxide. This acts in the atmosphere works like glass in a greenhouse. It lets heat get in, but it doesn't let much heat get out. So the atmosphere becomes warmer. Because the earth is getting hotter, the ice is melting. Because the ice is melting, the level of the sea is slowly rising.

Вед.2: As you see the problems are too serious not to pay attention to them. Environmental protection is a universal concern. That is why serious measures to create a system of ecological security should be taken, and that is why our organization was founded. We have already done a lot and we are going to do we should do this year. Your suggestions... (Ребята предлагают свои варианты)

Вед. 1: Now, our questions to you, dear guests. Do you agree that problems are really serious? Do you agree that they concern you? Do you agree that they influence your health? Do you agree that something should be done to protect the world? Do you agree that every person should take part in earth protection? Do you want to protect the environment? And my last question do you want to join our organization?

Then sign this document. And you are welcome to our society.

Teacher: Thank you for the conference. It was very cognitive. And now you home task. Imagine that the Greenpeace organization asked you to design T-shirts telling people about ecological problems of the day. You may work individually or in pairs and design your T-Shirts on big sheets of paper. And at the next lesson we will chose the best three.

Источники информации:

1. English VI (для школ с углубленным изучением английского языка). Авторы: О.В. Афанасьева, И.В. Михеева. Просвещение. Москва 1997г.
2. Happy English 2. Авторы Т.Б. Клементьева, Джилл шенон. Титул. г. Обнинск, 1994г.
3. Английский язык для школьников поступающих в ВУЗы и студентов. Авторы: И.В. Цветкова, И.А. Клепальченко, Н.А. Мыльцева. Глосса. Москва, 1995г.

Интернет ресурсы:

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2. <http://youtu.be/jXvq3JN6L38>
3. <http://youtu.be/E1zikJ9Ytvw>
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