комитет образования, науки и молодежной политики Волгоградской области

государственное бюджетное профессиональное образовательное учреждение

«Волжский политехнический техникум»

**Методическая разработка аудиторного занятия**

**по теме: “Environment Protection”**

Учебная дисциплина: иностранный язык

Специальность: все

Курс: 1-2

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2018

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| --- | --- |
| **Тема** | “Environment Protection” |
| **Преподаватель** | Болдырева Ю.С. |
| **Учебная дисциплина /Профессиональный модуль** | Английский язык |
| **Группа** | 2-16 Б-83 |
| **Цели:** |  |
| **Образовательные** | закрепить лексику по теме «Ecology»; совершенствовать умения и навыки практического владения английским языком по данной теме, познакомить с грамматическим материалом по теме «Герундий» |
| **Развивающие** | способствовать развитию воображения, логического мышления; развивать познавательный интерес, коммуникативные компетенции; умение понимать поставленную проблему с опорой на имеющиеся знания; память и внимание |
| **Воспитательные** | воспитывать уважительное отношение к иноязычной культуре, толерантное отношение студентов друг к другу; внимательность, ответственность, трудолюбие, способность к сотрудничеству, гуманное отношение к природе, стремление к саморазвитию |
| **Методы** | - словесные  - наглядные  - репродуктивные  - частично-поисковые |
| **Элементыпедагогическихтехнологий** | - личностно-ориентированный подход  - технология развивающего обучения  - технология развития критического мышления через чтение и письмо  - гипертекстовая технология |
| **Оборудование** | раздаточный материал: карточки с заданиями, комплекты практических заданий. |
| **Список литературы** | **Основные источники:**  Агабекян И.П. Английский язык для ссузов, 2012. Орловская И.В., Самсонова Л.С., Скубриева А.И. Учебник английского языка для технических университетов и вузов, 2014. |
| **Требуемое время** | 2 академических часа |

**Ход занятия**

1. Организационный момент:

#### Goodafternoon everybody. I'm glad to see you. Sit down please. Let's start our work.

#### And now I want you to guess the theme of our lesson from the poem I’m going to read to you.

1. Вступительное слово учителя:

**Environment protection**

Environment protection is the main problem today.

The state of environment has greatly worsened of late.

Soil, water and air are contaminated with toxic wastes.

We are constantly speaking about high level of radiation,

Greenhouse effect and our health deterioration.

But what should we do to change the situation?

The rain in many places isn’t natural and clean.

It’s full of acid chemicals and what does it mean?

Some plants and fish are dying not to be seen.

World industry pollutes the atmosphere with 1000 million tons of dust.

Beautiful old forests disappear.

This process is dangerous and fast.

If we want to keep Earth clean for the next generations.

We should think more of reducing contamination.

And try to find ways to improve this sad situation.

**Защита окружающей среды**

Защита окружающей среды – главная проблема на сегодняшний день.

Состояние окружающей среды серьёзно ухудшилось за последнее время.

Почва, вода и воздух загрязнены токсичными отходами.

Мы постоянно говорим о высоком уровне радиации,

Парниковом эффекте и ухудшение здоровья нации.

Но что делаем мы для исправления ситуации?

Дождевая вода больше не является чистой в некоторых регионах.

Она является кислотной, а что это значит?

То, что некоторые виды растений и рыб исчезают навеки.

Мировая индустрия загрязняет атмосферу миллионами тонн пыли.

Красивые леса исчезают навсегда.

Это опасный и стремительный процесс.

Если мы хотим сохранить землю чистой для будущих поколений.

Нам следует подумать о сокращении загрязнений.

И попытаться найти пути улучшения экологической ситуации.

So, what is the theme of our lesson?

#### Ok, today we are going to speak about our Environment and Ecological problems and learn some grammar materialabout The Gerund. We’ll practice in reading, translating, speaking and pronunciation.

Since ancient times Nature has served Man, being the source of his life. For thousands of years people lived in harmony with the environment and it seemed to them that natural riches were unlimited. But with the development of civilization man's interference in nature began to increase.

Large cities with thousands of smoky industrial enter­prises have appeared all over the world today. The by­products of their activity pollute the air we breathe, the water we drink, the land we grow grain and vegetables.

1. Работа с текстом Environment Protection must be Global.

So, let’s work with text **Environment Protection must be Global,** justlook through it and first pay attention to the words, notes to the text.

**Environment Protection must be Global**

That the problem of pollution and ecology has become the most important one for mankind is evident to all. The more civilization is developing, the greater the ecological problems are becoming. Air and water pollution by industry is now reaching tremendous proportions. In our era it is changing from a national to an international problem, especially in territories where rivers cross several countries. The seas and oceans are also becoming seriously polluted. A similar situation is developing in the atmosphere. It is known that many cities throughout the world suffer from air pollution.

However,our scientific knowledge and technological advancement make it possible to eliminate it, if people use good will and make consid­erable investments for that purpose.The development of natural resources on a global scale is already possible from a scientific and technical standpoint. Large-scale experimental work in this area is successfully being carried out.

At present scientists in industrially developed countries are working on the theory of interaction of all the atmospheric and oceanic global processes that determine the climate and weather of the world. Increasing growth of population, industrialization and the use of resources are slowly but surely changing the global climate and water balance. This can be described as a great experiment,that may bring about changes in the environment more serious than ever before.

The essential feature in the environment protection is that many problems can be solved only on the level of world community. Therefore the planning of protection against pollution by human society as a whole is imperative today and in the nearest future. It is necessary to develop an international program to study data on land, forest, atmospheric and oceanic resources, both renewable and non-renewable. It is the joint efforts of many scientists and special public organizations that can deal with the problem and take necessary measures to protect the environment.

It is still a big job and much remains to be done. However scientists are confident that planned actions of all countries can eliminate pollution and achieve successes in purifying air, water and soil and in safeguarding natural resources. At the same time one must realize that social and political circumstances may stand in the way of further progress in this field.

**Notes to the Text**

achieve- достигать

advance -продвижениевперед, успех, прогресс

area - область

bringabout - вызывать

carryout - проводить, выполнять

change- менять(ся), изме­няться) ; изменение, переме­на

considerable - значительный

dealwith – иметь дело

effort- усилие

evident - очевидный

growth - рост

however - однако, тем не менее

increase - увеличиваться

level - уровень

purpose - цель, назначение

reach - достигать

realize - понимать, отчетливо,представлять

remain - оставаться

scale - масштаб, размер

several- несколько

similar- подобный, сложный

solve - решать

still-все еще, однако

success - успех

therefore-поэтому

way - путь, дорога

jointefforts - совместные усилия

take measures - приниматьмеры

throughout the world –повсемумиру

goodwill – добрая воля

standpoint - точка зрения

community - сообщество

as a whole – вцелом

muchremainstobedone - еще многое предстоит (остается) сделать.

Vitya, read the words please.

**Now you should find and read information from the text.**

* about the problem of pollution and ecology
* about essential feature in the environment protection
* about the work of scientists in industrially developed countries
* about scientific knowledge and technological advancement for eliminating ecological problems.

**Key:**

* That the problem of pollution and ecology has become the most important one for mankind is evident to all. The more civilization is developing, the greater the ecological problems are becoming.Air and water pollution by industry is now reaching tremendous proportions. In our era it is changing from a national to an international problem, especiallyin territories where rivers cross several countries.
* The essential feature in the environment protection is that many problems can be solved only on the level of world community.
* At present scientists in industrially developed countries are working on the theory of interaction of all the atmospheric and oceanic global processes that determine the climate and weather of the world.
* However,our scientific knowledge and technological advancement make it possible to eliminate it, if people use good will and make consid­erable investments for that purpose.

**Let’s read the statements, translate them and say if they are true or false.**

1. The more civilization is developing, the smaller the ecological problems are become.
2. The seas and oceans are also becoming seriously polluted.
3. It is known that some cities suffer from air pollution.
4. Increasing growth of population and industrialization are changing the global climate and water balance.
5. It is necessary to develop an international program to study data on land, forest, atmospheric and oceanic resources.
6. Scientists are not sure if the planned actions of all countries can eliminate pollution and achieve successes in purifying air.

**Key:**

1. False
2. True
3. False
4. True
5. True
6. False

**And now let’s answer the questions. First read and translate them.**

1. What problem is becoming a global problem?
2. What makes it possible to eliminate water and air pollution?
3. What are scientists in industrial developed countries currently worked on?
4. What factors are slowly changing the global climate and water balance?
5. What actions are necessary to take to deal successfully with the problem of protection the environment?

**Key:**

1. The problem of air and water pollution.
2. Scientific knowledge and technological advance, good will and large investments.
3. The theory of interaction of the atmospheric and oceanic global processes.
4. The growth of population, industrialization and use of resources.
5. Planning, developing international programs to study ecological data, joint efforts of scientists and special public organizations.

**Make a sentence out of the two parts.**

1. At present one of the most important problems for mankind
2. The rivers, seas and oceans
3. That purifying air, water and soil is changing from a national to a global problem
4. Therefore, it is necessary
5. Scientists expect that
6. are becoming seriously polluted by industry.
7. it is possible to eliminate air and water pollution by planned actions of human society as a whole.
8. is evident to all.
9. to take measures to safeguard natural resources and the environ­ment on a global scale.
10. is that air and water pollution is reaching very large proportions.

**Key:**

1 – e), 2 – a), 3 – c), 4 – d), 5 – b).

1. **Закрепление лексики по теме Экология.**
2. Match up the adjectives in column A with the nouns in column B to form a phrase.Соотнесите прилагательное из колонки Aс существительным из колонки B, чтобы получилась фраза по теме Экология.

A B

Various world

Environmental warming

Serious ways

Disastrous pollution

Nuclear problem

Global processes

beautiful weapons

Key:

Various ways,environmental pollution, serious problem, disastrous processes, nuclear weapons, global warming, beautiful world.

1. Decide which word is the odd one out in each line.Найдите лишнее слово в каждой строчке.

* To pollute, to dirty, to damage, to cause; (to cause)
* Air, pollution, water, soil; (pollution)
* To reduce, to increase, to lessen, to decrease; (to increase)
* Rubbish, weapons, litter, waste; (weapons)

1. Find the names for the groups of words.Придумайте слово, объединяющее все слова из строчки.

* The soil, the water, the air … (environment)
* Fertilizers, pesticides, chemicals … (substances)
* A car, a bicycle, a bus … ( the vehicle)
* Scientists, engineers, teachers … ( people in charge)

1. Guess the missing word.

Заполните пропуски в предложениях, вставив слова по смыслу.

* … is something in or on which people or goods can be carried from one place to another. (a vehicle)
* … is a natural or chemical substance that is put into the soil to make crops grow better. (a fertilizer)
* … is a chemical substance used to kill small animals or insects that harm the crops. (a pesticide)
* … is an illness which may cause death. (a cancer)
* … means to spread widely in all directions by throwing. (to scatter)

1. Match each word with its correct definition. Соотнесите каждое слово с соответствующим определением.

Waste, noise, illness, smoke.

1. Used, damaged, or unwanted substance;
2. Unhealthy state of the body or mind;
3. Sound, especially unwanted or meaningless unmusical sound;
4. Usually white, grey, or black gas produced by things burning;

**Key:**

Waste - a), noise – c), illness – b), smoke – d).

1. Put the words in the sentences in order, the first word is in italics.Расставьте слова в предложениях в правильном порядке, начиная со слов, записанных курсивом.
2. Can, highly, be, *Radiation*, dangerous.
3. Should*, Governments*, laws, enforce.
4. Should, *Enterprises*, activities, polluting, certain, reduce.

**Key:**

1. Radiation can be highly dangerous.
2. Governments should enforce laws.
3. Enterprises should reduce certain polluting activities.

**5) Объяснение грамматического материала по теме Герундий.**

Let’s speak about the gerund.

**Герундий** – неличная форма глагола, сочетающая в себе свойства глагола и существительного и выражающая процесс reading – чтение. В русском языке нет формы глагола, соответствующей герундию, но он в некоторой степени напоминает отглагольное существительное (хождение, ожидание, чтение) и может переводиться на русский язык существительным, инфинитивом, деепричастием, глаголом в личной форме, а также придаточным предложением в зависимости от его функции в предложении.

Функции герундия в предложении.

Герундий может употребляться в функции подлежащего, именной части сказуемого, косвенного дополнения, обстоятельства, составного глагольного сказуемого, определения.

Герундий в функции подлежащего: Skiingisgoodforher. – Кататься (катание) на лыжах полезно для неё.

Герундий в функции именной части сказуемого: Hisfavouritepastimeisplayingtheguitar. – Его любимое времяпровождение – игра на гитаре.

Герундий образуется путём прибавления окончания – ing к инфинитиву глагола без частицы to. Если глагол оканчивается на букву – e, то при прибавлении окончания –ing она отбрасывается:

To smoke – курить, smoking – курение.

При прибавлении –ing конечная согласная удваивается, если ей предшествует ударная гласная, стоящая в закрытом слоге:

Toswim – плавать, swimming – плавание.

Если буква l является конечной, то при прибавлении – ing она удваивается:

Totravel – путешествовать, travelling – путешестсвие.

При прибавлении – ing буквосочетание ie меняется на y:

To lie – лгать, lying – ложь.

**6) Первичное закрепление. Выполнение грамматических упражнений**.

1. **Read the sentences that contain gerund forms, name gerund forms. Translatethesentencesorally.** Прочитайте и устно переведите предложения, содержащие герундий, назовите герундий в каждом предложении.

Saying is one thing and doing is another.

By doing nothing we learn to do ill.

Reading is to the mind what exercise is to the body.

Doing is better than saying.

Beating a child will do more harm than good.

Life is one long process of getting tired.

Be slow in choosing a friend, slower in changing him.

Do not do anything without thinking.

Know your own faults before blaming others for theirs.

Learn by doing.

You cannot make an omelet without breaking egg.

1. **Put the verbs in brackets into the gerund form. Do you agree with these statements? Why? Why not?** Преобразуйте глаголы, данные в скобках в формы герундия.
2. (Get ready) for the exams in April is too late.
3. (Learn) long English texts by heart is useless.
4. (Revise) basic grammar material will not help you speak better.
5. (Look up) all unfamiliar words in the dictionary when you read books in English will help enlarge your vocabulary.
6. **Put the missing gerund form.** Вставьте требуемые по смыслу герундии.
7. The girl kept ------- no matter how hard they tried to wake her up.
8. Sue has just given up ------- sweets. She is on a diet.
9. Mary suggested ------- to the cinema, but I would like to stay at home.
10. Go on -------. I came just to say “hello”.
11. She enjoys ------- Indian meals.
12. I finished ------- my letter this afternoon.
13. **Complete the sentences with your own ideas, using gerund forms.**Закончите предложения логически, употребив соответствующий герундий.
14. I’m not excited about this trip. I don’t enjoy …
15. I always join my friend when he suggests …
16. I should really give up …
17. The book was so funny that I couldn’t stop …
18. I think we can help poor people by …
19. I know I can get better results if I concentrate on my studies, instead of …
20. My life would be empty without …
21. It’s very difficult to go on … when everybody else is having a rest.
22. Подведение итогов занятия, выставление оценок.

**What problems were we discussing?** (Ecological problems).

**Are these problems important?** (Yes they are important for mankind.)

**Why is the problem of water and air pollution becoming a global problem?** (The rivers, seas and oceans are becoming seriously polluted, a similar situation is developing in the atmosphere. Many large cities suffer from air pollution.)

**What can we do to eliminate pollution?** (To eliminate environmental pollution people should use good will and make considerable investments. Only joint efforts of many scientists and public organizations can deal with the problem.)

#### What grammar material have you learned? (About gerund forms)

Thank you for your work. Goodbye!