План-конспект урока английского языка в 10 классе

Тема**“Inventions in our Life”**

Изобретения 20 века и их роль в жизни людей

**Цели урока:**

- активизировать речемыслительную деятельность учащихся;

- закрепить лексический материал по теме “Изобретения”;

- развивать навыки аудирования;

- воспитывать художественный вкус у учащихся.

**Задачи:**

**Учебные:**

- обучение рецептивным видам деятельности;

- формирование и развитие коммуникативных умений учащихся.

**Познавательные:**

-расширение эрудиции учащихся, их общего кругозора.

**Воспитательные:**

- формирование уважения и интереса к стране изучаемого языка;

- формирование потребности в практическом использовании языка.

**Оснащение урока:**

1. Компьютерная презентация
2. Компьютер
3. Раздаточный материал

**1. Teacher’s Introductory Word**

- Good morning, boys and girls! I’m glad to see you. Look at the monitor and guess what is our today’s topic. (ролик) Yes, you are right. Today we are speaking about inventions and their inventors and learning more things about advantages and disadvantages of using them. As we enter the era of modern inventions, people’s ideology of living becomes very different, in comparison as it was fifty years ago. We got used to such new things, which very help us in everyday life, people from the nearest past couldn’t even dream about. Nowadays many people can’t think their existence without such props of modern living as: huge screen TV-set and powerful multi-channel music system, tidal wave of sound from which crashes around the house, VHS/DVD/MP3-player and the Olympic-sized spa, Jacuzzi and power-shower.

**2. W**ell, can you imagine your life without modern inventions?

 What inventions are the most important for you?

What do you use for watching films?

What do you use for calling somebody who is far from you?

What gadget do you use for taking photos?

 Which of them have changed our life?

**3 N**ow let’s guess the things we use in our everyday life.

1. You wash clothes in it.

\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ - \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_

2. You use this thing to clean your flat, carpets.

\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_

3. You can communicate with people who are away from you using this thing. It is very compact; you can carry it in your bag or pocket. It has many functions, it can wake you up in the morning, you can enjoy listening to music with the help of it and even enjoy playing games.

\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_

4. You can wash dirty dishes in it.

\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_

5. You can cook, defrost and reheat pre prepared food in it.

\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_

**Ключ**: 1 - washing-machine; 2 - vacuum cleaner; 3 – mobile telephone; 4 – dishwasher; 5 – microwave oven.

**4** Match the words and definitions: (раздать в разрезанном виде)

|  |  |
| --- | --- |
| 1. a TV set2. a  car3. a computer4. a video player5. a camera6. a vacuum cleaner7. a fridge8. a mobile telephone9. a plane10. a telephone | g. to have fun and to entertain j. to move wherever you want by yourselfi. to write programs, play games, find and use information e. to watch pre-recorded videos a. to take photographs c. to perform everyday cleaning tasks f. to keep food fresh for a long time h. a system for sending or receiving speech over long distance d. to move  fast and quick around the worldb. to receive or make calls around the home  |

**Ключ**: 1g, 2j, 3i, 4e, 5a, 6c, 7f, 8h, 9d, 10b

**5.** Listen to the opinion of Spencer Brown, inventor and founder.

(смотрят видео-ролик об изобретениях всех времен)

Spencer Brown (Inventor And Founder) gives expert video advice on:

* What is the world's greatest invention?;
* What are the top inventions of all time?;
* How often does an invention change the world?

**What is the world's greatest invention?**

The number one invention in the world is electricity, because without it, we

stop. Everything is running on electricity. Look at our gadgets, look at our

homes, look at light. Without it, we don't have incubation for premature

babies. Without it, we don't have toast in the morning. How about Starbucks

without electricity? Come on, you have to have electricity. That, to me, is the

single most unique invention and the distribution of electricity I think is pretty

phenomenal.

**What are the top inventions of all time?**

For me the top ten best inventions of all time in no particular order are:

electricity the creation and distribution of it. Penicillin - without it half of us

would be dead. The printing press, Guttenberg not only has enabled people to

be literate, but he has really had global implications in terms of how we our

communicate information. The telephone I think is a phenomenal invention.

Aeroplanes and computing, the sonogram, which I know a lot of people don't

realize, but the sonogram helps us to locate fish, oil and helps us monitor

foetus development. That's a ‘biggie'; people don't realize that, that's the

‘sneaker'. Cameras, digital in particular, I think are a phenomenal invention.

Hydrogen cell fuel is phenomenal and glasses for people to read. And the last

one is IPod. Now there is one other invention that was done in 1810 that was

done by Peter Durand, and it was the metal can. And I know people say

Campbell Soup – “hello!?” Up to that point is was impossible to preserve

foods. But one guy figured out a way to can and preserve food. And when that

happened you can see a direct correlation for supermarkets developing. And

people not getting as sick. And food distribution became a very huge industry.

Without cans we do not have supermarkets.

**How often does an invention change the world?**

In my experience, you see what I call amazing inventions come out about

every two or three years; something that changes the marketplace. The

Internet has not only changed the way that the world does business, but that

was an invention. And now programmers that actually invent different ways in

harnessing the part of the Internet are servicing every month. I mean, if you

take a look at Videojug, how phenomenal this side is, if you take a look at

Yelp, if you take a look at Flicker: all of these websites, they have a patent on

them. That's an invention, it's a program. So, that's changing all the time. In

terms of a real product, where you can touch it, see it outside of the Internet

space, every couple of years there's a product that comes around that's just

absolutely, remarkable, phenomenal.

Answer the questions.

Учащиеся отвечают на вопросы, пользуясь спец. словами.

I believe..

Im sure...

I suppose...

I agree...

I also think so...

In afraid, I cant agree with you...

thats a good idea...

What are the top inventions of all time?

(The number one invention is electricity. It is the single most unique

invention)

What are the phenomenal inventions?

What are the top inventions of all time?

(Учащиеся перечисляют :

-penicillin without it people would be dead

-printing press

-the telephones

-airplanes

-computing

-sonogram

-cameras

-glasses for people to read

-metal cans

(it was impossible to preserve food)

How often does an inventions change the world?

(every two or three years)

**7.** Физкультминутка

**8.** We have learned some facts about useful inventions which were made in the long history of mankind. Most of them have really brought us comfort and convenience. We cannot imagine our life without electric lamps, cars or telephones, television or computers. We use many things but not all of us know the names of their inventors. Match the following inventions with their inventors. Work in pairs.

|  |  |
| --- | --- |
| 1. Henry Ford | a. a jet engine (реактивный двигатель) for airplanes and rockets |
| 2. Alexander Bell | b. television |
| 3. the Wright Brothers | c. the first airplane |
| 4. Michael Faraday | d. Microsoft-DOS |
| 5. Thomas Edison | e. a car |
| 6. Bill Gates | f. telephone |
| 7. Valdemar Pousen | g. a machine which could make electricity |
| 8. Sergei Korolyov | h. tape recorder |
| 9. John Logie Biard | i. “phonograph” – the first sound recorder; the light bulb; “kinetoscope” – a machine which could make films |
| 10. Isaac Newton | j. the law of gravitation |

**Ключ**: 1e;2f; 3c; 4g; 5i; 6d; 7h; 8a; 9b; 10j

**9.** Look at these letters of one word: **C O M P U T E R**. If you put them in the correct order you’ll get the word which means one of the most wonderful inventions of the 20th century.

**10.** Read the text about computers and say if computer is one of the greatest inventions of the 20th century.

viruses

financial

access

punch

utilize

Computers in the modern world.

|  |
| --- |
| Computers play a very important part in our life. They help people in their work and studies. They save us a lot of time. While at school I often made use of the Internet to collect information for my test papers and compositions. Computers give access to a lot of information. It is possible to find data and descriptions, chapters from necessary books… to make a long story short, everything you need. Computers have been around for about fifty years or so. ENIAC, the first great electronic computer, was built in the 1940th; it was the size of a large house, was limited in power and was unreliable. It is very interesting how those people in 50’s lived without all this. At that time the word “computer” (electronic counting machine) sounded like something really mysterious and much-dreaded. People heard about them only by hearsay. Thus, there was no use for these great opportunities which PC gave. It was a hard job of those computer system administrators who controlled these giants: using of punched cards that leaved much to be desired. Every command must be entered to the computer with thousands of punched cards, so that the whole process, for instance, A4-paper size text printing, took an hour. But computers developed quickly. Today computers sit comfortably on our desks and have much more power than those original machines. In the last ten years or so, most large businesses have become completely dependent on computers for storing and looking at information, for writing and for calculating financial and mathematical information. Computers within a single office or building may be connected, and they therefore form a network. Users of computers on a network can send messages to each other, utilizing the same collections of data or information. In many offices and organizations computer messages have replaced messages written on paper, and they are now called e-mail or electronic mail. E-mail is not only fast and easy (if you understand how to use the computer), but it also saves paper and the work of moving paper from one place to another. Workers can send and receive e-mail without leaving their desks and their desktop computers. ? Disadvantages? There are some disadvantages, of course. Computer can get viruses. Sometimes the wrong people can make use of the information available in the wrong way. Computers become out-of-date very quickly, they need to be replaced. |

True or false.

1. ENIAC, the first great electronic computer.
2. It was an easy job of those computer system administrators who controlled these giants.
3. Every command must be entered to the computer with thousands of punched cards.
4. Users of computers on a network can not send messages to each other.

Complete the sentences.

1. The first great electronic computer was the size of…
2. Every command must be…
3. In the last ten years or so…
4. In many offices and organizations computer messages…

Answer the questions.

1. When was the first great electronic computer built?
2. Are computers important for business nowadays?
3. What is E-mail?
4. Are there any disadvantages of using computers?

**11.** We can hardly imagine our life without computer. I think you know much about PC. Prove it answering my questions.

1. How often do you play computer games?
2. Do you prefer to find information on the Internet or in a library?
3. Do you use your computer for education or for entertainment?
4. Do you think computers are good or bad for your health?
5. Is PC a good invention or a bad one?

You can see that your opinions are different.

Now look at the blackboard and compare our viewing habits with the figures on the blackboard.
Compare:
a)      The average American plays computer games 4-5 hours a day.
b)      26% of Americans use computers for 12 hours a day.
c)      About 65% of all Americans get most of theirs news on the Internet.
d)      About 70% of all Americans use computers for entertainment.

**12.** You see, PC takes an important part in our life. Let’s discuss advantages and disadvantages of PC. (работа в группах)

1. PC is one of the greatest achievements of the 20th century. It is the easiest and the cheapest source of information. It is an advantage.

2. One of the positive features about PC is that it educates us. Using the Internet we learn a lot of useful and interesting information.

3. PC gives us opportunity to travel around the world without getting up from the sofa. We can learn about life of people in different countries, their customs and traditions and we don’t pay for it.

4. PC entertains us and we like it because it makes us forget our everyday problems.

5. One of the disadvantages is that PC sometimes substitutes our nearest and dearest. It prevents us from communicating with our friends and relatives.

6. Today you can see many films on PC which are filled with cruel and violent scenes that is very bad especially for children and teenagers.

7. Using computers too much may be dangerous for your eyesight. It is a disadvantage.

|  |  |
| --- | --- |
| For | Against |
| Informs EntertainsEducates/enriches our intellectBrings the world to our homesBrings us closer to other peopleUnifies peopleGood company for people who live aloneHelps us to relax | Influences what people think May lead to poor health through lack of exercise, eyestrainPeople begin to forget the art of conversationPeople begin to forget other ways to occupy our spare time. |

So, on the one hand inventions play a great role in our life. But on the other hand there are a lot of problems connecting with them.

**13.**Заключительный этап урока:

1. Метод синквейна:

T.: What is the invention for you personally? I suggest you to show your thoughts about todays theme in a sinquein. (Написание синквейна. Групповая работа, каждая группа представляет свой синквейн) Example:

Inventions

important, new

help, work, create

usefull, great, interesting, helpfull

hard life be without them

4.2 Подведение итогов, рефлексия:

T.: Today we spoke a lot about new inventions and their inventors. What do you think is the most important for you?

S1:  I use many of them: a car, a computer, a refrigerator, a vacuum cleaner and so on.

T: I see. What is the most useful thing for your mother?

S2: In my opinion, it is a cooker.

T.: What unit or machine can’t you do without?

S3: It is my computer.

T.: What thing can’t your father live without?

S4: Without TV, to my mind.

T.: What thing can you easily do without?

S5: It is a sewing machine. I hardly ever use it.

Cказать об этом с использованием этих фраз:

1. I think that ….. is the most important thing.

3. Some of the inventions, for example …. is less important.

4. I do not often use…..

5. And I’m sure I/ He/She can do without …..

T.: Very interesting answers!

Your homework is to make an esse “What Would You Like To Invent for our school?” This lesson shows me that all of you are wonderful pupils. Today your marks are… Thank you for the lesson!