

Методическая разработка учебного занятия по английскому языку «Экологические дома», 11 класс

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Цели:

1. Совершенствование навыка говорения по теме на основе текста для восприятия и понимания речи на слух;
2. Развитие умения извлекать и систематизировать полученные знания, делать необходимые выводы, работать в парах, внимания, памяти;
3. Воспитание культуры энергосбережения и заботливого отношения к ресурсам.

Задачи:

1. Способствовать совершенствованию навыка выделения основной информации на основе текста для восприятия и понимания речи на слух и использования её в собственных суждениях в диалогической речи.
2. Создать условия для развития умений грамотно, четко и точно выражать свои мысли, вести диалог в парах;
3. Формирование способности находить пути решения проблемы энергосбережения.

Ход урока

I. Организационно-мотивационный (введение в тему, постановка целей) этап:

Teacher: Good morning, students! How are you getting on? Let's count the amount and types of energy you need just to prepare for school each morning.

(Ss give their answers)

- Where does that energy come from?
- Who pays for it?
- Have you heard your parents talking about energy bills?
- Is the cost of energy going up or down? How can people reduce this cost?

II. Операционно-познавательный этап:

1. Предтекстовый этап:

Teacher: Read the factfile and say what kind of houses the architects have designed. Do you think that such houses help us cut down consuming energy?

The Ostrowskis are both architects with nearly 70 years of architectural experience between them. They live in Calgary, Alberta, Canada. They are famous for their sustainable lifestyle. The pair has been recognized on many

occasions for their fine work and they are co-recipients of the “Green Award”, “Emerald Award for Environmental Excellence”, “Autonomous House Award” and the “Northeast Sustainable Energy Association Quality Design Award”.

- How do you imagine an eco house?

2. Текстовый этап:

Teacher:

1) Listen to the 1st part of the film and write down what the numbers mean: 17, 70 000, 1994.

(Text for listening: U6-15- ex.2 - N.V. Demchenko “English 11”, 2015)

2) Listen and complete the following part of the architect’s talk:

As you can see, this is a normal suburban area and this is a single family home, but it has no basement. It’s one and a half stories high. It has a livable attic to minimize the amount of heat loss and to maximize the amount of useable area.

The EcoHome was built using simple construction methods and durable, environmentally-friendly materials. It features a space-efficient design, a system to promote good indoor air quality and excellent insulation to minimize heat dissipation. As for energy requirements, the house primarily relies upon solar power, but does not use solar photo-voltaic panels. Instead the EcoHome collects solar energy by other means.

II. Организационно-деятельностный этап:

Послетекстовый этап:

1. **Answer the questions according to the text:**
2. How is solar energy used?
3. Why is the house warm in winter and cool in summer?
4. What kind of insulation do they use?
5. What’s special about the windows?
6. How do they keep food cold?
7. How is water supplied?
8. How does the waste disposal system work?
9. How do they treat gray water?
10. What kind of garden have they got?
11. What kind of food do they prefer?
12. How often do they use their car?

2. Imagine you are going to build the EcoHome. Make up a dialogue with your partner discussing the main advantages of the eco house and problems which you can face with it in Belarus.

III. Рефлексивно-оценочный этап.

Homework: write about the best ecological solutions in a “green” house.