

## Урок английского языка по теме «Дом будущего»

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**Тип урока:** урок комплексного применения знаний, умений, навыков.

**Цель:** совершенствование навыков восприятия и понимания речи на слух.

**Задачи:**

*обучающие:*

- совершенствовать навыки восприятия и понимания речи на слух;
- расширить и активизировать лексический запас учащихся по теме, использовать личный жизненный опыт учащихся в данной области;

*развивающие:*

- развивать память, внимание, логическое мышление;

*воспитательные:*

- способствовать формированию уважительного отношения к мнению собеседника, интереса к науке.

### ХОД УРОКА

**I.** Организационный момент.

- Good morning, everyone. Glad to see you! How are you today? (pupils' answers). Thank you, sit down please. (1min)

**II.** Warming up.

Let's start our lesson with training pronunciation.

Read the proverbs and try to explain them.

*East or West home is best.*

*Men make houses, women make homes.* (BL/B)

- Read the words or word combinations and find the sound which is repeated in them.

*Automatic light, climate control, outside camera, devices, design, inside sensors.*

[ai]

(BL/B)

Look at them once again and try to guess the theme of our lesson. (house devices, technology, security...)

What theme is common for them?

Well, you are quite right, today we are going to speak about smart homes. Did you hear anything about them? (a little) (3 min.)

At the end of lesson answer the questions:

1. Smart Home. What is it?
2. What appliances does it offer?
3. What are the main aims of the house?
4. Do we need it or it's a waste of time?

**III.** Let's check up your homework. Ex. 4b, 6, p. 174-175 Last time we spoke about nanotechnologies. Let's repeat the main terms.

What is nanotechnology? (making things on nano(small) scale)

What is nanoscience? (Science, which studies and invents things in nanoscale)

Give some examples of nanotechnology in nature (shells, skin, wings, bacteria, and cell)

Areas of using nanotechnologies (computers, electronics, producing cars...)

Future technologies (nanobots, nanomachines...)

What do you think the dangers of nanotechnology might be? (will make us to be lazy, dependent on machines)

How could nanotechnology make a smart home more advanced?

- Good, thank you for your opinion. (5 min)

**IV.** Discussing the questions.

Ex. 1, p. 175 Look at the pictures and say:

What do you think the homes of the future will look like?

What will they be inside?

Will people's life be different in them? In what way?

- Ok, thank you. (3 min)

V. Reading. Ex. 2a, p. 175

- Read the advertisement. What is its aim?

Before reading look through the words:

*NSW – New South Wales – state in Australia*

*Trail [traiel] – test, difficult task, exam* (BL/B)

What kind of family do they need? Why?

How long will the family live there?

What will they have to do?

Would you like to take part in this project with your family? Why? (6min)

VI. We're going to listen to a radio programme introducing to a concept of a smart house.

Before listening look through the words from the programme and try to guess what all these appliances could do in a smart house. Ex. 3, p. 176

Listen to a radio programme about smart homes and take notes about appliances while listening.

*Automatic light, climate control, outside camera, video door phone, motion sensor, door handles, trash cans, refrigerators, security system, inside sensors.*

(BL/B)

(CARD 1)

Well were your guesses right? Give me your answers. What did you catch from the programme? (10 min)

**VII. Relaxation**

And now I'd like you to watch a short video displaying everything we've been speaking today. Make notes of some new appliances in this smart house.

- What's your impression?

- Where there any new appliances? (5 min)

VIII. Take a card and complete the summary of the radio programme. Ex. 5, p. 176 (CARD 2)

All the devices in a smart home can \_\_\_\_\_ with each other. Most home automation technology is focused on \_\_\_\_\_, security and \_\_\_\_\_. Smart homes definitely make life \_\_\_\_\_ and also provide some \_\_\_\_\_ savings. As a result, you pay less for \_\_\_\_\_. Smart home technology \_\_\_\_\_ for elderly people, too. On the other hand, if you are not comfortable with computers, you may find smart homes \_\_\_\_\_. There are still debates whether \_\_\_\_\_ is really necessary. (5 min)

**IX.** Look through some more information about smart houses. Work in groups and discuss what benefits they will give? Ex. 6a, p. 176

Use the phrases:

To make our life easier (safer, more interesting) ...

... will give us an opportunity to save money (energy, ecology)

... will give us more free time.

... will give us more space. (4 min)

**X.** Reflection.

Making conclusion to our lesson, give me your opinion about smart house.

- Smart Home. What is it?
- What appliances does it offer?
- What are the main aims (functions) of the house?
- Do we need it or it's a waste of a huge amount of money? (3 min)

**XI.** Giving and explaining marks. (2 min)

**XII.** Giving home task. Ex. 7, p. 177. Describe your future smart home.

**Card 2:**

### Smart home

All the devices in a smart home can \_\_\_ with each other. Most home automation technology is focused on \_\_\_, security and \_\_\_\_\_. Smart homes definitely make life \_\_\_ and also provide some \_\_\_ savings. As a result, you pay less for \_\_\_\_\_. Smart home technology \_\_\_ for elderly people, too. On the other hand, if you are not comfortable with computers, you may find smart homes \_\_\_\_\_. There are still debates whether \_\_\_ is really necessary.