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**Предмет:** Английский язык

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**Группа:** № 2-СЭЗ-21

**Урок:** 1-2

**Дата:** 21.09.2023 г.

**Тема занятия:** «Строительные материалы, их свойства. Преимущества и недостатки».
**Основные источники:**1[**https://englishinn.ru/opisanie-predmeta-na-angliyskom-yazyike.html**](https://englishinn.ru/opisanie-predmeta-na-angliyskom-yazyike.html)

**Дополнительные источники:**

1. Англо-русский и русско-английский словарь. Карантиров С.И., «Дом славянской книги», 2011.
2. Интернет-ресурсы:
<https://www.study.ru>; [www.learn-english.ru](https://ped-kopilka.ru/go/url%3Dhttp%3A/www.learn-english.ru)
**Инструкции (lesson instructions):**

**1. Learn the vocabulary.**

|  |  |
| --- | --- |
| На английском языке | На русском языке |
| Concrete | бетон |
| Steel | сталь |
| Lumber | пиломатериал |
| Drywall | гипсокартон |
| Brick | кирпич |
| Glass | стекло |
| Flooring | настилка полов |

**2. Give the English equivalents of the Russian words and translate them.**

1. Construction materials differ in their (**свойства**) and in their methods of (**использования**).

2. Brick belongs to (**искусственные строительные материалы**).

3. Concrete is produced by mixing (**цемент, гравий, вода и песок**) in the proper amounts.

4. Wood is popular since it has (**низкий вес, низкая цена и высокая работоспособность**).

5. (**Древесина**) always contains some water which (**уменьшает прочность**).

**3. Read and translate the following text.**

**Construction Materials**

***Wood, timber, brick, stone, concrete, metals and plastics*** belong to the most popular building materials used nowadays. They all differ in their properties and in their methods of usage**. Construction materials are known** to differ in strength, hardness, fire-and corrosion-resistance durability, and, naturally, cost. They all have their **advantages and disadvantages that are taken into account** when designing a structure.

     Brick belongs to artificial construction materials. **It has been used** in many countries and in different climates. In modern times bricks vary widely with the method of production and temperature of burning.

**Concrete is known** to be one of the most popular building materials. **It is produced** by mixing cement, gravel, water, and sand in the proper amounts.

**4. Match the words (1-5) with the definitions (A-E).**

|  |  |
| --- | --- |
| **Words** | **Definitions** |
| Concrete | B. a mix of cement, water, gravel and sand used as a building material. |
| Glass | E. a solid, breakable and transparent material often used to make windows |
| Flooring | D. material used in floors |
| Brick | A. a building material made of rectangular blocks of hardened clay |
| Lumber | C. processed wood used as a building material |

 **5. Read the sentence pair. Choose where the words best fit the blanks.**

|  |  |  |
| --- | --- | --- |
| 1 | A | There are several REBARS running through this concrete wall to support it. |
| B | Stack those CINDER BLOCKS to form a wall. |
| 2 | A | These bathroom floor tiles are made of PLASTIC. |
| B | Install DRYWALL in the new room. |
| 3 | A | STEEL bars give this building a very solid frame. |
| B | The contractor will install a RUBBER floor in this gym. |

**6. Read the conversation.**

Customer: Hello. I’d like to place an order for some lumber and brick. I’m adding a deck to my backyard.

Clerk: Certainly. What size of lumber do you need and how much?

Customer: You sell by the yard, don’t you?

Clerk: That’s right.

Customer: Good. I’ll need twenty planks that are ten yards each. Also, how many red clay bricks are on the pallet?

Clerk: These are five hundred standard size bricks on a pallet.

Customer: I’ll just want only three hundred.

**7. Mark the following statements as true or false. Then complete the conversation.**

|  |  |
| --- | --- |
| 1. | The woman is adding a porch to her front yard. |
| 2. | The company sells lumber by the yard. |
| 3. | The woman needs a pallet of bricks. |

**8. Home task.**

Write an e-mail to the hardware store and request the necessary building materials to build the house (написать e-mail в строительный магазин с запросом нужных строительных материалов для строения дома).