**Supporting note № 11-12 for the student**

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| **Тема занятия/ Theme of the lesson** | | **CALCULATING THE PRICE OF THE COMPUTER**  **Расчет цены на компьютер** | | |
| **Цели занятия/ Lesson objectives** | | ***Способствовать формированию пользовательских компетенций и расширение знаний в выборе ПО, использовать электронные таблицы как средство расчета стоимости компьютера.*** | | |
| **Запланированные этапы занятия/ *Time*** | **Деятельность учителя**  **Teacher activities** | | **Деятельность ученика**  **Student activities** | **Тип оценивания**  **Type of assessment** |
| **Начало занятия/ Beginning of lesson**  **Середина занятия/ Middle of lesson**  **Конец занятия/ End of lesson** | Greeting and organizing moment.  Good morning, students. Smile each other because you will work together  Welcome to this lesson.  You will:   * Be able to calculate the price of the computer according to its parts; * Be informed how to assemble a basic desktop PC.   Please write the title in your notebooks. **CALCULATING THE PRICE OF THE COMPUTER**  Which factors affect the computers price?  Project description  Your school was the best for this year and won a very big amount of money.  School administration decided to update all computer in the school. So they are not familiar with computer types and ask you, as the best student in IT , to help them.  At the lesson we will use new words. Look at Vocabulary, read after me in chorus.   * assemble - жинау - собирать * performance - өнімділік - производительность * approximately - шамамен - примерно * prevent - алдын алу - предотвращать * corresponding - сəйкес - соответствующий * suitably - тиісті түрде - подходяще * compatible - үйлесімді - совместимый   **Now write these words into your notebooks.**  Your job  You should prepare 3 different types of computer and give the price of them to school administration.  1. Computers for administration;  2. Computers for informatics lab;  3. Computers for multimedia usage.  **Practice 1**  Instruction  1. Describe the usage of each computer  2. Assemble computers according to their performance and usage. Example:  multimedia computer don’t need high speed and memory, it is enough to  be 4GB RAM, 250 HDD, 2.0 GHz CPU power.  3. Search for prices of each device on computer  4. Calculate approximate price of computer.  5. Fill the report below.      Steps to assemble a desktop PC  1. Prepare the Mainboard (motherboard).  2. Mount the CPU in the socket of the Mainboard.  3. Connect the CPU cooler to the Mainboard.  4. Attach the RAM(memory) modules in the corresponding slots.  5. Open the case and mount the power supply which is M-ATX type.  6. Attach the Mainboard back plate to the case and check the Mainboard  mounting positions.  7. Suitably position the Mainboard in the case.  8. Mount the Hard disk and connect it to the power supply and the motherboard.  9. Connect the SATA connectors to the drives and the USB connectors and  the case switches to the motherboard.  10. Connect the 20 or 24 pin ATX connector and the 4-pin power supply control connector to the motherboard.  11. Mount the DVD-ROM drive.  2. Finally, select a compatible operating system, and follow the instructions to install.  **Fact**  Static electricity is the biggest danger to the expensive parts you are about to assemble. Even a tiny shock which is much too small for you to feel can damage or ruin the delicate electronic traces many times smaller than a human hair that make up your CPU, RAM, and other chips. It’s important to use your antistatic wrist strap to prevent damage to these components.  Once you have the power supply installed in the case, clip the end of the wrist strap to the outside of the power supply.  Never plug your computer in while you are connected to it by a wrist strap.  **Literacy**   1. Which fractures affect to computer price? 2. What kind of advices would you give to your friend when he wants to buy a new computer? 3. Which way would be most productive for you? To buy ready assembled computer or assemble it yourself?   **Reflection**"The Ladder of success" | | https://im0-tub-kz.yandex.net/i?id=1b0f82c56d8a8c9bf937b233532f6488-l&n=13 Tune in to the lesson  write down the topic  Answer questions  Write down the words  Doing the job  Carefully read and study the algorithm  Working with text  Answer questions  Attach stickers | Positive mood, willingness to cooperate.  Praise  Approval  Mutual verification  Praise  Praise  Approval  Praise  Approval |