

Lesson Scenario 2

Teacher: Anna Jezierska

School subject: Information technology (basic level)

Educational level: high school, grade 1

School: XXVII Liceum Ogólnokształcące im. Zesłańców Sybiru w Lublinie

Topic: Computer parameters.

Duration: 45 minutes

Aims of the lesson:

- reminder and discussion of the elements of the basic computer set
- systematization of information regarding the purpose and parameters of individual components in computers and external devices

Methods: presentation, discussion, assigning tasks to students and monitoring their performance

Forms: individual work, group work, work with the material assigned

Teaching aids: a computer with access to the Internet, the educational film "Wycieczka do wnętrza komputera" [A trip to the interior of the computer] (Multiteka of the Publishing House "Operon"), a projector, the course book, questions file

Key competences (see the European Parliament's and the Council of Europe's Recommendations; 2018) being developed in the course of the lesson:

1. Communicating in the mother tongue
2. Mathematical competences and basic scientific and technical competences
3. IT competences
4. Learning skills

I. Preparatory phase

Organisational activities:

- welcoming the students,
- giving the topic of the lesson and outlining the lesson's objectives (expressed also in the students' mother tongue),

- checking the attendance list.

II. Implementation phase

1. Watching a short educational film about the basic computer set - "Wycieczka do wnętrza komputera" [A trip to the interior of the computer]

* The teacher shows the film, pausing it for a while and asking the students questions about their knowledge of the presented elements (e.g. Where can you find the central unit of the computer you are sitting at? What else can be found on the motherboard?)

2. Questions for everybody

* The teacher displays on the screen questions about the purpose and parameters of selected components (see [Attachment 1](#))

* Each student is assigned one question. For the time specified students work on the answers to their questions: they can use the course book or find the information on websites.

* The teacher monitors the students' work, providing them with tips, if necessary.

* Each student shares the answer to his/her question with the whole class (he/she can use his/her notes).

* Other students can add their comments on the topic presented.

III. Summing up of the lesson:

*The unfinished-sentences/incomplete-sentences method; individual students are to finish/complete the following sentences:

Today we were talking about...

I will remember that...

I found to be the most difficult.

I found to be the easiest to do.

*The students who actively performed the tasks get pluses, the teacher evaluates the tasks performed.

IV. Homework

The students are asked to think about what a computer set might look like in the future, e.g. in ten years' time. Willing students can present their ideas in the form of a short written statement.