Informatics - Picture on monitor and printer

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| School | Elementary school Tomaš Goričanec Mala Subotica |
| Teacher | Iva Mihalic Krčmar |
| School Subject | Informatics |
| Class | VI C |
| Number of students | 10 |
| Gender F  M | 7  3 |
| Year season (date) | Autumn (19.9.2017.) |
| Contents (in detail) | 1. Intro (10 min)  - On the terrace of the school talk about different type of monitors and printers, about blurry and sharp images. Encourage students to discuss about it.  2. MAIN PART (30min)  - Talk about and explain different type of monitors and printers, show some images – write to notebook.  - Talk about and explain terms: raster, resolution and pixels – write to notebook.  - Students are doing some tasks in groups, like memory or matching pairs of different type of monitors and printers, different resolution, recognize the right resolution and raster…  3. Final part (5 min)  - Viewing and analyzing final results, repeat what have we learn. |
| Goal | Explain the picture on the monitor and the printer. Individually recognize different resolutions. |
| Plan | 1. Intro - introduction – concept and term of monitor and printers 2. Main part  -  Explanation of new terms: type of monitor, type of printer, resolution, raster…   - Writing important things into the notebook  - Working in groups   1. Final part – viewing and analyzing final results |
| Time | 45min |
| Tools needed | Book, notebook, pen, camera, pictures |
| Preparation needed | Prepare and print photos and materials for group work |
| Requirements (focus on..) | Some students are allergic to pollen |
| Lesson location (in detail) | Schoolyard:  Intro: terrace  Main part: playgrounds  Final part: playgrounds |
| Advantages of this lesson location | The theoretical part of this teaching unit, which students would learn in the classroom, is conducted in the open, fresh air. The atmosphere is more relaxed, the students are more interested. |
| Eventual obstacles | - |
| Other | - |
| Is presentation available? | Yes |
| Does pictures exist? | Yes (other in presentation) |