ARCHITECTS primary school pupils' project

INTERCULTURAL MATHEMATICS LEARNING OUTSIDE OF SCHOOL









Primary goals of the project

 Detail mapping of selected recreation facility area and to propose a new functional use of the area from the perspective of children

Secondary goals

- Creation of map of the current state with use of surveying techniques
- Propose a new functional use of the area (focus on recreation for families with children)
- Incorporation of proposal into map of the current state







Target audience

4rd – 9th grade primary school pupils

Cross-curricular learning

Mathematics, Geography, Computer science

Pedagogical approach

Outdor education,

Project-based learning, Inquiry-based learning, Information-communication technology in education









Methodology

1. Tasks and discussion







Main idea: "Let's create our common space, little peace of our common World, full of game and joy."

Discussion: Imagination of the ideal playground









2. Selection and recognition of area of interest







Evaluation the current state:

- purpose of individual objects and surfaces
- character of the landscape surroundings
- assessment of facilities
- presence or absence of facilities and services









3. Select areas for new functional use and define priorities





- replacement or reparation of existing equipments
- enrichment of existing playground with new elements
- design a new playground









4. Creating criteria for proposals





Examples given by teams of pupils:

use, safety, cost, durability, aesthetic appearance ...









5. Selection of particular elements with use of catalogues and internet





- Individual work selection of favorite elements
- Presentation of individual choices
- Team work on common proposal

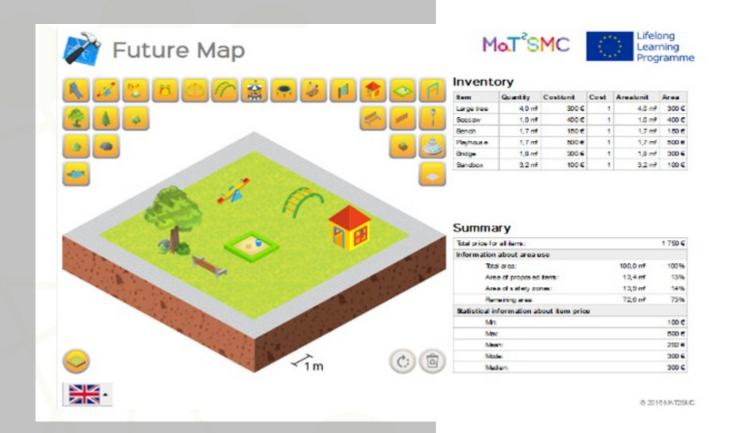








Registration of proposals and creation of an overall budget for the purchase of selected elements











Thank you for your attention!

