![Erasmus+ logo] ![i-Lab 3 logo]

Innovation Laboratories in the Development of Competences
of Special Pedagogy Teachers and People with Special Educational Needs

project number: 2014-1-PL01-KA202-003428

SCENARIO

Basic information

Institution	The Maria Grzegorzewska University, Warsaw, Poland
Date	04.2017
Target group	Students of the Rehabilitation of people with multiple disability in the field of Special pedagogy. Subject: Professionalism in the rehabilitation of people with multiple disability. Students acquire the competence to work with people with multiple disability in different age, including children, adolescents and adults. After graduation students can work in the following places: rehabilitation and education centres, occupational therapy workshops, social welfare institutions, community self-help homes. The studies provide knowledge and skills in the field of educational and therapeutic interventions, individual choice of therapy methods, preparing individual educational and therapeutic programs as well as conducting a functional diagnosis and diagnosis of the needs of the family of a person with a multiple disability as well as doing research in these areas.
Number of participants	20 (2 groups of 10)
How is the target group related to the people with special educational needs / with disabilities?	After graduation students will work with people with multiple disability of different ages and with the different range and type of disability, and thus in different educational, therapeutic and care institutions. It requires the knowledge of the forms and methods of education and therapy of people with special needs, as well as the ability to examine and recognize the needs of those people and the environment in which they are functioning.
Short justification why such a group will use the scenario and what benefits we expect to achieve by using i-Lab.	Realization of the subject "Professionalism in the rehabilitation of people with multiple disabilities" in the i-Lab space will enable students to create in the future a safe environment for cooperation in the group. This is very important in the work of therapeutic teams which, due to a huge diversity of needs and capabilities of the person with a multiple disability, have to be able to communicate and cooperate. The i-Lab space will create a safe and free atmosphere do present own views and ideas as well a sense

	of comfort.

A brief presentation of i-Lab

What is i-Lab?	The i-Lab is a method that reflects the synergy of the several components such as a special design of an environment, activities stimulating creativity, appropriate equipment, or the access to the computers with Virtual Brainstorming (VBS) software.
	The i-Lab takes into account:
	- inspiring learning environment - this is a unique place where a group of people can meet together to explore and develop their thinking. It is characterized by an unusual design of the room and the presence of the multimedia;
	- technology - the laboratory is equipped with the appropriate computer software called Virtual Brainstorm (VBS);
	- moderating techniques - social techniques to stimulate the creativity, motivation, and group dynamics.
	The combination of these three components encourages people to: work effectively, discover and develop thinking skills, participation in the collaborative activities, which can speed up the process of thinking and creating.
Description and characteristics of i-Lab	The Innovation Lab is a place where two zones are separated: the relaxation zone and the work zone. Both parts are closely linked with an easy access from one to the other. Unusual equipment in the room plays a vital role in the relation and work zone, providing stimulation and comfort for the i-Lab users. In the zone of the relaxation one can conduct a part of the workshop, dedicated to the development of creative thinking. The work zone provides possibilities for computer brainstorming. Both colors and design create a special aura and are aimed at stimulating creativity. The whole room is designed on the basis of a metaphor for further support of the thinking process.
What is VBS software and why is it important?	The Virtual Brainstorming (VBS) software is an example of the adaptation of the brainstorming method directed to the development of a group creative thinking to an internet application. It is an integral part of the Innovation Laboratory which technically supports the brainstorming process (collection of ideas, evaluation, summary report). The brainstorming put in the IT system provides the opportunity to organize the learning process more effectively which manifests in a more effective acquisition and idea management. This eliminates the difficulty of the traditional brainstorming. The software is accessible to visually impaired people.

The scenario

Number of the scenario	PL-009
Title of the scenario	Raising awareness of the local community for the needs of people with disabilities
Area of the scenario	Special pedagogy: rehabilitation of people with multiple disability
Description of the scenario	Theoretical basis for the scenario is the special pedagogy of people with multiple disability. Concerning biopsychosocial concepts of disability, the objectives and principles of cooperation with the environment were discussed. The task of students is to develop a guide on various ways of raising awareness of the local community for the needs of people with disabilities.

Didactic process

Goals	1. Shaping imagination and ingenuity. 2. Developing the ability to analyze the environmental determinants of the functioning of a person with multiple disability. 3. Developing communication and cooperation skills within the group. 4. Developing an outline of a guide on how to educate the local community for the needs of people with disabilities.
A short description of the didactic process	**Introduction** 1. Presentation of the i-Lab concept and its basic assumptions. 2. Presentation of the objectives of the actions undertaken. 3. Implementation of the ice-breakers to deepen group cognition and to stimulate creative thinking. 4. Introduction to the problem of the session – discussion on the validity and determinants of work with the environment of the person with multiple disability. **Main part** 1. Generating ideas about how to educate the local community about the needs of people with multiple disability. 2. By the use of Virtual Braisntorming (VBS) software students form a base of ideas for educating the local community about the needs of people with multiple disability. 3. Presentation and discussion of ideas - students graphically present their ideas and then map them onto the magnetic board.

	End
	1. Choosing the most interesting ways to educate the local community about the needs of people with multiple disability.
	2. Summary of the session.
The methods	Activation methods, practical action method, talk, VBS
Functions of the didactic methods	1. Multidimensional presentation of the content of the subject. 2. Creating space for creative cooperation. 3. Group integration.

Methods and material used during the implementation of the scenario:

Icebreakers (title, short description, link)	**Pictures to choose** Participants choose from the given set the image they find the most attractive and the closest to their heart. After the selection, each participant presents the picture and justifies her/his choice. **Abstractional drawings** Each student draws an abstraction. After drawing, she/he passes the paper to the person on the right. The task is to give a title of the drawing they received. Then the drawings are put on the magnetic board and they are discussed. **Toilet paper** Each student takes as many pieces of a toilet paper as he wants. Then, the task of a student is to provide as many information about himself as many toilet paper sheets he took. **True, false** Each participant speaks 3 sentences about herself/himself, one of which contains false information. Listeners should discover which of the given information is true and which is false.
Materials (what is necessary)	paper, pens, pens, crayons, pictures, toilet paper, Internet access, the book of M. Grzegorzewska "Letters to a young teacher"
The other techniques (title, a short description, link), recommendations	Discussion in teams, clarifying unclear issues

Benefits for Participants

How to work individually? (short description)	There is one student in the group with mobility impairment moving in a wheelchair. Other students are not disabled. For a student with mobility impairment, it is necessary to modify the space so that the student can

	move freely on the wheelchair. For this purpose, it is recommended to move the chairs and provide free access to the computer station.
How to work with the group? (short description)	In case of other students with disabilities in the group the following are suggested: - a person with hearing loss - questions from the icebreakers should be written, - a person with speech disorders - instead of answering oral questions, he or she can write the answers.

The Results

Achieved goals	The session provides realization of the following goals: developing imagination and ingenuity as well as active presentation of ideas. The use of VBS allows the participants to a free, and unconstrained presentation of these ideas. The students work in the team which helps to develop communication skills. Generating ideas with VBS will increase interest in the subject, enabled free expression of thoughts. Presentation of the final task provides the opportunity to check if students are able to understand well the need to take action for the environment of the disabled. Students develop an outline of the guide that they will be able to use in their work.
Work cards (if used)	Lack

The scenario is the result of the project:

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