

The role of the teacher and the benefits of Erasmus+ projects, Example of Good Practice - E-learning from Nature project

and

Learning activity into the nature within the Erasmus Project + Strategic Partnership E-Learning from Nature

Iasi, Romania

17.10.2017 and 21.10.2017

Minutes

Participants

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Practical activity: Learning activity into the nature within the Erasmus Project + Strategic Partnership E-Learning from Nature, 21.10.2017

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Minutes

During the period 17-21.10.2017, 24 teachers/trainers and 18 students have been involved in the E-Learning from Nature Multiplier Event, including 2 sessions: 1 Focus Group for teachers entitled *The role of the teacher and the benefits of Erasmus+ projects, Example of Good Practice - E-learning from Nature project*; 1 Learning Lesson in the Nature with students. The purpose of this mix of 2 activities was to work first with teachers and to multiply the teaching-learning methodology created by E-learning from Nature project among teachers. As target group have been especially selected teachers from schools with fewer opportunities (5 schools from countryside and other 6 from Iasi). Teachers involved are of different disciplines and all school levels have been reached (from primary to high schools). The second activity had the role to exemplify how a practical learning activity can be done into the nature and to bring together teachers and students in the E-learning from Nature project e-lessons.

The Focus Group with teachers included the following topics:

- Discovering the Erasmus + funding program & The benefits of the Erasmus + program (this being connected with Chapter 4 of the Teachers' Guide - Transnational Cooperation to Promote Scientific Knowledge in School Education)

As the teachers targeted as participants were from schools from countryside and with fewer opportunities, we considered very useful to guide them in the Erasmus+ programme. During this section we presented the Programme, the funding opportunities, the coverage and impact of the Erasmus+ projects in Romania, and we discussed about the specificity of the Strategic partnerships for Schools.

- Discovering the Teacher+ through the Erasmus+ projects - Group discussion about the role of the teachers in adopting new methods and tools to respond to the society changes and needs of the students

The focus of the discussion had in the center what a Teacher+ means and how a teacher in the present education have to respond to the changes in the society (especially concerning the use of technology) and also to respond to the needs of the students (especially concerning the methods and tools they have to adopt to maintain the students engaged in the learning process). Also the discussion included the benefits of the Erasmus+ projects for teachers, students, schools and community.

- Presentation of the E-learning from Nature project

The presentation started from the discussions on the needs and educational context in which the project have been created and which priorities respond to. Then the focus was on who the project addresses to, objectives, presentation of the activities and results obtained.

- Learning Science through Nature – Presentation of the E-Lessons and Visualisation of examples of video lessons and group discussions on educational impact on students

For a better understanding of the methodology behind the project, this section was focused on presentation of the e-lessons concept and its benefits. Participants had the opportunity to visualise some examples of e-



lessons and have been held discussions on the impact of practical lessons into nature among students. The e-lessons raised a lot the interest of the teachers, many of the lessons were already identified to be used in their classes, but also gave them ideas of how to organise lessons into the nature and how to help students to extract knowledge from the real things around them.

- Presentation of the Teachers' Guide

The presentation went through all the chapters of the guide and participants discussed about the content, also they visualised resources and useful information offered. The participants considered the guide very interesting and as a collection of information and resources to guide them on the work with students and how to prepare innovative lessons.

- Group discussions about innovative practices to strengthen science education, problem-based and real life learning and use of ICT Title of the speech

The project offers a collection of high-value resources and strategies to promote scientific subjects teaching and learning. The set of E-lessons provide a demonstration of how it is possible to address educational needs taking full advantage of the nature's potential: offering places where to carry out scholar activities, instead of the traditional school environment, and achieve equally significant results; nature offering a wide range of interesting topics that capture students' attention, and that can be used to approach traditional school subjects in innovative ways; nature to bring teachers and students closer, and to involve students in cooperative educational activities. The project provides useful sources of inspiration and insights to introduce innovative methodologies in schools and to facilitate an effective students' involvement, increasing their motivation and field-specific skills and competences.

The Learning activity into the nature included the following:

- Train trip from Iasi to Barnova forest
- Presentation of the objectives of the learning activity and short introduction of the E-Learning from Nature project
- Learning activity into the nature (hiking): Ecology and Ecosystems; How does the environment affect an organism's life?; Natural Reserve 'Poiana cu Schit'; Bârnova-Repedeia forest massif; Flora, around 200 rare species of plants; Historical monuments from the sec. 14th century, around 1392.
- Evaluation of the learning activity, feedback, questions and discussions

During the events, evaluation questionnaires have been applied to teachers to evaluate and provides us with feedback on the quality and usability of the project products.

Below you can find the answers of the teachers in evaluation of the project products: clarity, professionalism, good communication, conciseness, consistent scientific content, interesting, good organization, beneficial, innovation, interactive content, excellent educational environment, new experience, expressing on everyone's intent, accessible language, useful information, very good materials that can be used both in the classroom and in the individual study