

Goerudio National Seminar

Lodz, Poland

27.10.2015

Minutes

Participants

Małgorzata Ambroziak (teacher, Szkoła Podstawowa w Łasku)
Gabriela Chworoś (teacher, Szkoła Podstawowa ABiS)
Marta Dłużewska (teacher, Szkoła Podstawowa nr 19 w Łodzi)
Martina Fleischhauer (teacher/trainer, SVEB)
Magdalena Gałaj (teacher, Szkoła Podstawowa ABiS)
Monika Grabia (teacher, SP4 Sieradz)
Jolanta Grabowska (teacher, Szkoła Podstawowa nr 7 im. Orłąt Lwowskich w Łodzi)
Ewa Marcińczak (teacher, SP4 Sieradz)
Adrianna Miksa (teacher, Szkoła Podstawowa w Błoniu)
Adrianna Pietraszewska (teacher, Szkoła Podstawowa nr 19 w Łodzi)
Mary Rocks (trainer, Glasgow Life)
Natalia Woźniak (teacher, Szkoła Podstawowa w Kleszczowie)
Justyna Żuber (teacher, SP4 Sieradz)
Grzegorz Grodek (trainer, 36,6 CC)

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The seminar was organized in Lodz by 36,6 Competence Centre. The aims: to discuss the ways to overcome students' lack of motivation to learn science; to inspire teachers to use innovative didactical resources; to present Goerudio as a way to raise students' interest in science education

The seminar was addressed to teachers from Lodz and Lodzkie region.

Contents of the seminar:

- Discussion. Participants of the seminar introduced each other. Teachers discussed the ways to overcome students' lack of motivation to learn science. According to the opinions, the motivating ways of teaching scientific subjects are: organizing the classes in laboratories, factories or other facilities outside the classroom; applying computer programmes and applications to facilitate the education; cross-sectoral lessons involving knowledge of several subjects; different kinds of competitions involving students; games that implied change of roles and perspective between teacher and students
- PPT presentation Goerudio – effective ways of teaching scientific subjects. Project was presented Goerudio to participants including the objectives, activities and results. Special focus was paid on the presentation of the Goerudio portal: teachers' experience, relevant initiatives promoting science education, educational products. Instructions were given how to navigate the portal. Participants encouraged to follow Social media of the project (especially Facebook). Examples of Goerudio comprehension models were presented.

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- Goerudio Methodology – presentation of method and examples of comprehension models. The idea of the comprehension models was presented, explaining that the word “model” denotes the interpretation of concepts or relations used in a theory, rule, instruction or another notion by expressing them by/through well-known, familiar phenomena and natural, conventional relation that creates a conception that is easy to perceive intuitively – image. Forms used to describe and evaluate the models were presented.
- ABiS Teachers presented educational products developed in Poland within the project, including lesson plans and interactive lessons in various subjects: mathematics (5 products created): area of geometric figures, geometric constructions (regular polygons), statistics, symmetry; biology (3 lesson plans): DNA, Human senses, Microorganisms; Interactive science lessons focus on technology/physics (electricity) and science (astronomy).

The seminar gathered the interest of the local teachers in new ways of motivating students' to overcome lack of interest in scientific subjects. The seminar was great occasion to exchange experience between teachers and inspire them.

Annexes

- Programme
- Signature List
- Pictures