

## ***Multiculturalism, Migration, Mathematics Education and Language***

Project Number: 526333-LLP-1-2012-1-IT-COMENIUS-CMP

### **Methodology**

The partners will collect, compare and analyse data about students with minority and migrant background in the partner countries, and about the requirements of mathematics teachers teaching in classrooms with these students (milestone). This data will be used to get a realistic picture of the situation and to be better able to address the needs of the teachers and the students. Based on these needs, the partnership will produce teaching materials addressing these issues.

The teaching materials will be developed referring to and analysing situations or activities typical for specific cultural areas. The analyses will focus on the mathematics that is both explicitly and implicitly present in the considered situations or activities. The analyses could also suggest to develop links to other subject contents (such as history, geography, language, literature...), thus giving the pupils opportunity to get better knowledge of the concerned cultures and creating a real intercultural and interdisciplinary perspective in the classroom. Each partner will develop materials mainly (but not only) for specific cultural areas. The socio-cultural context in the partner countries and the individual partner competences would suggest, for example, these assignments (to be seen not as exclusive):

Austria → Turkish culture

Czech Republic → Western Asian cultures

France → Arabic and Sub-Saharan cultures

Greece → Romany culture

Italy → Chinese and South-American cultures

Norway → Arabic culture

The teaching materials will be circulated, discussed, agreed upon within the whole partnership, with respect to their validity and usability in the different partner countries. They will be then piloted in the associated schools of the partner countries and in workshops and courses in the partner institutions. The teaching materials will also be reviewed by an external evaluator.

An intermediate international conference will be organised and executed, where the teaching materials will be presented, both to inform about the project and its results, and to gain further feedback data. Based on this data, the teaching materials will be improved, translated and published in the final form (milestone).

Teaching materials will be developed, piloted (if possible in co-operation between a maths teacher and a language teacher) and improved based on the piloting feedback from teachers and students. They will also be translated and published (milestone). The piloting activities will be video recorded. The records will be used for feedback analysis and if suitable for best practice demonstrations on the webpage and the DVD. A final conference will be organised and executed to make participants aware of the project and to disseminate the outcomes (milestone). The outcomes will be published on three media: The website, the DVD and in book format.