

BURDUR ANATOLIAN VOCATIONAL AND TECHNICAL HIGH SCHOOL

**Analysis report of students' reflexive journals
on Learning/Teaching/Training in Lithuania**

The students, during the mobility in Panevezys, Lithuania showed a high satisfaction level; this can be deduced from their reflexive diaries they held day by day . They were so happy both for being in Lithuania and for learning a subject they had a very little knowledge of : robotics. The diaries include what they learned about LEGO MINDSTORM robots and how to program them, how to use Ev3 , how to create lego Robots, how to study Maths, Physics, ICT in an innovative way through self-explanation, simulation, brain storming, active listening, group working.

All these activities were carried out thanks to the collaboration of all the teams who used English to communicate, this favoured the practice of the English language, especially of a technical language. It is also possible to perceive great motivation, enthusiasm and interest in all the works they developed. The visits to the different places contributed to enrich their cultural background. This amazing experience will be conveyed to other students in Italy, so that everybody can appreciate their level of satisfaction.

”Concepts / Abilities”:

- To be able to get core abilities of usage of Robot Game: Build and program an autonomous LEGO MINDSTORMS robot.
- To be able to integrate the LEGO MINDSTORMS robot into the subjects such as Maths, Chemistry, Physics that include formulas.
- To be able to create their own Lego Robots.
- To be able to create an application for the mobile phones.
- To be able to create new learning techniques.
- To be able to adapt the learning styles into digital age.

- To be able to get involve in the group working with the students from different countries.
To be able to cooperate and collaborate with the other students to reach the specific goals.
To be able to communicate through English as a foreign language.

”Actions/ Specialized learning techniques”:

- Grup work
- Pair work
- Problem solving
- Brain Storming
- Self-explanation
- Distributed practice
- Highlightining
- Summarization

”What I learned?”

- To use LEGO MINDSTORMS robot.
- To use Ev3
- To create Lego Robots.
- To study on Maths, Physics, ICT in an innovative way through Lego Robotics.

”How did I learn?”

- Self-explanation
- Simulation
- Brain Storming
- Active listening
- Group working
- Pair working

” How did I feel?”

- Enthusiastic
- Interested
- Motivated

In conclusion, all the activities carried out in Lithuania's mobility have been carried out according to the agenda drawn up by the Lithuanian partner, all the objectives set in the approved project have been achieved and tangible and intangible results have been obtained.

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