

ACTIVE LEARNING METHODS IN THE EYES OF STUDENTS

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PYTHAGORAS - European project in the scheme Erasmus + KA 220 - HED - Cooperation partnerships in higher education
<https://www.pythagoras-grant.eu/>



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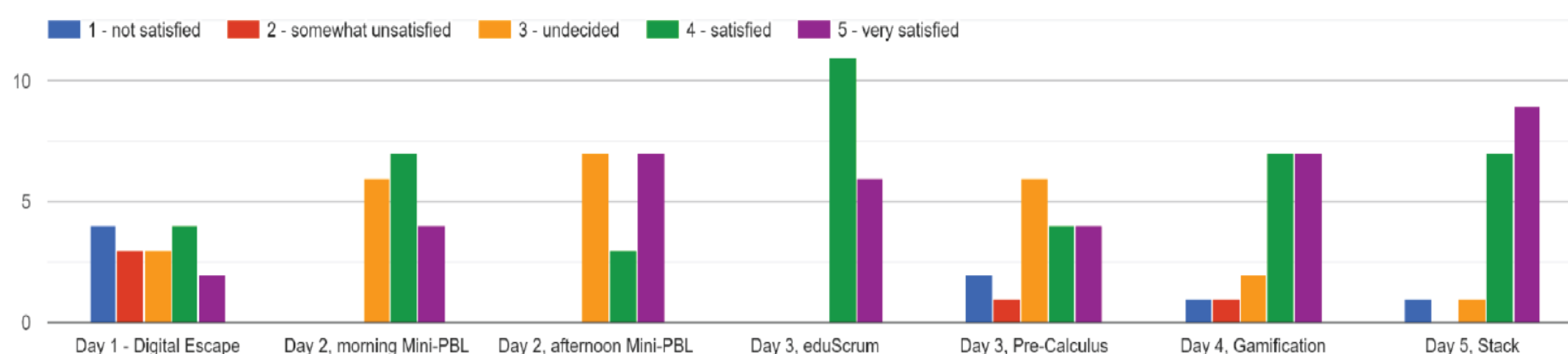
Partners: Aalborg University, Denmark; Hellenic Mediterranean University, Chania, Greece; Porto Polytechnic, Portugal; Slovak University of Technology in Bratislava, Slovakia; University of La Laguna, Tenerife, Spain; Karlstad University, Sweden; EWM, Spain

Summer school for students was organized as LTT activity of the Pythagoras project. During 5 days groups of students from partner universities tested various active learning methods applied in teaching basic courses of mathematics in bachelor study programs at universities.

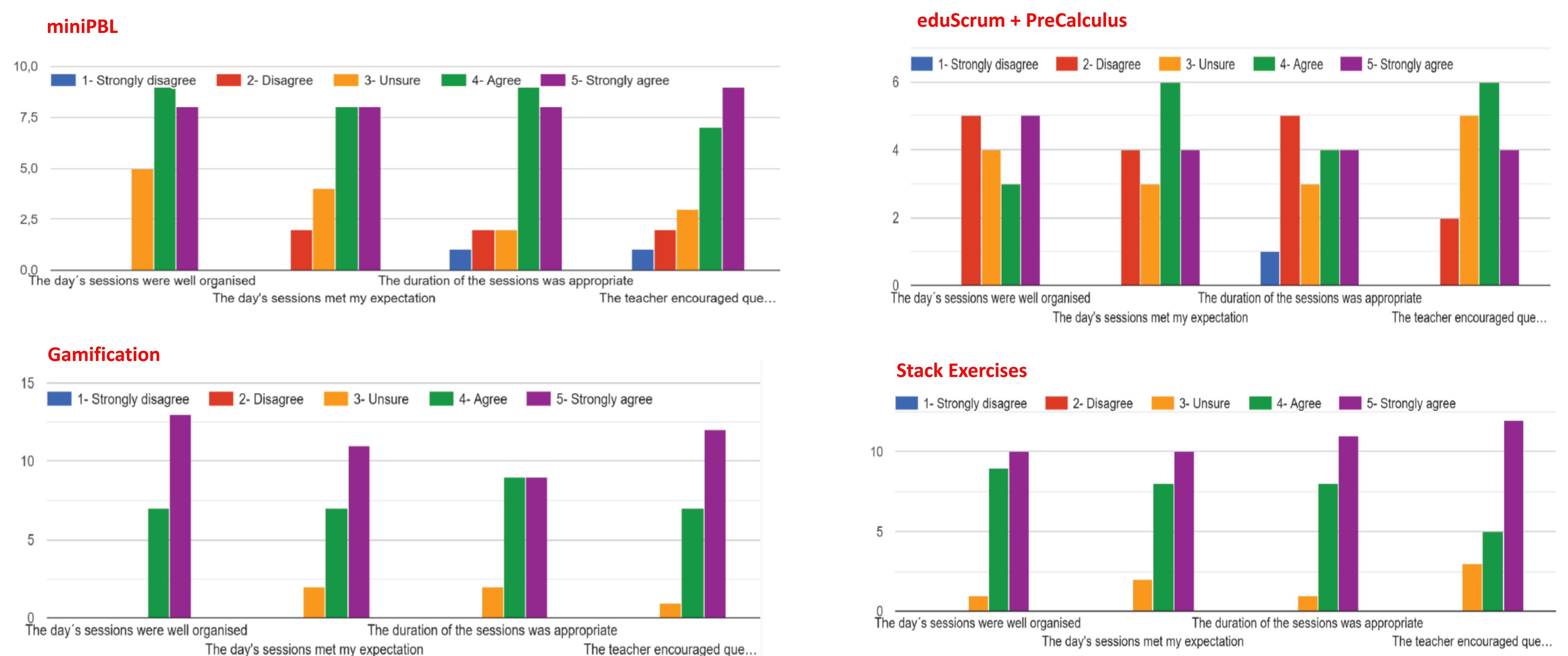
Learning materials and activities were prepared by 7 project partners.

Findings from surveys held during this activity are presented.

Escape Room – miniPBL – eduScrum – Pre-Calculus – Gamification – Stack Exercises



Escape room activity was not met with the full satisfaction of students, as tasks were not directly related to maths problem, while dissatisfaction stemmed from design issues, which hindered the effective execution.



Regarding the educational aspects of the presented learning scenarios, the majority of students identified eduScrum as the most significant method with respect to their experience and satisfaction with knowledge acquisition process. They particularly valued opportunity to collaborate in teamwork. Additionally, they highlighted the Summer school activity as a key feature that allowed them to meet and exchange knowledge with individuals from diverse countries. This inter-cultural interaction enriched their learning experience. They expressed a need for increased opportunities for team-building and ice-breaking activities to foster collaborations on international and cross-cultural levels.