**Together we are +**

*Erasmus+* *We Can do it Together* is a project that consists of providing mutual help among students in diverse activities. In addition, it contributes to developing the cultural and linguistic level of the participating students.

One of these activities is the use of graphic calculators in experiments in Physics and Chemistry classes. With these instruments students are able to visualize graphs and discuss the results obtained. Students are encouraged to analyse mistakes and clarify their doubts and consolidate their knowledge within the subject.

Projects developed in the Physics class are another area in which it is possible to use the strategy of mutual help. For example, *Fireman-Robot* is one of these projects. It consists ofa robot that goes through a circuit till it discovers a flame and extinguishes it. The circuit is an imitation of a dwelling with rooms and at the entrance of each part of the house there is a white line. Three sonar sensors and bumpers avoid collisions with walls and obstacles; a line sensor gives the robot the information that it entered a room; an infrared sensor detects if there is any flame; and a blower is driven in such a way as to extinguish the fire. In order for the robot to have the best performance it is necessary that there is an exchange of ideas and mutual help among the students for the programming and assembly of the robot. Thanks to teamwork, the *Fireman-Robot* has passed the first round of the *Science at School* competition sponsored *Ilídio Pinho foundation* and it is expected that it remains in competition until the end of the contest.

In conclusion, mutual help among students is essential to improve knowledge and increase the skills of students, so that they can progress not only at school but also at a professional level in the future. Thus, *Erasmus+* *We Can do it Together* is a project of great importance in the lives of students given the benefits and experiences that are offered to them.

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