



Discover the Green Life with Robots

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Teacher and student mobility in Turkey

During this mobility there was a competition named "Competition to create a miniature smart greenhouse model with Arduino". This activity directly supported the project objectives of the "Discover the Green Life with Robots" Erasmus project by promoting sustainability, technology, and innovation.

The activity helped to raise awareness about sustainable agriculture and environmental stewardship. Participants learned how technology can be used to create more sustainable and efficient agricultural practices. Participants developed their programming and electronics skills, learning how to use Arduino to control and monitor the environment inside the miniature smart greenhouse model. Participants worked in teams to design and build their miniature smart greenhouse models, promoting collaboration and teamwork.

Overall, this activity helped to promote the project objectives of the "Discover the Green Life with Robots" Erasmus project by raising awareness about sustainability, promoting technology and innovation, encouraging collaboration and teamwork, and showcasing innovative solutions to environmental challenges.

Every student who participated in the visit had only positive experiences. The mini smart greenhouse making competition proved to be very enjoyable. Technical skills were improved in different ways, Arduino programming was one of them. Some students had fewer information about Arduino but know they broaden their knowledge. Students learnt about sensor integration, automation, control system, structural design through this competition. Soft skills were also improved like teamwork, problem-solving skills, project management, creativity, critical thinking and presentation skills.

The Hungarian students were keen on canoeing in the sea and bowling. These programmes were free because it was funded by the municipality. Both activity improved focus and patience skills, because both sports require attention to small details over time. It also improved decisionmaking skills and discipline.