



Co-funded by the
Erasmus+ Programme
of the European Union

2nd LTTA Event Porto, Portugal 21-25 of October, 2024

ERASMUS PROJECT Erasmus-KA210-Transition from STEM to Robotics

Title: Robotic STEM Activities with Micro:Bit

Dates: 21/10 - 25/10

1. Program

Date	Time	Description
20/10		Partners will arrive in Portugal and will have accommodation at the hotel.
21/10	9:30 -11:00	Welcome of the participants 🤖 Ice Breaking Google Form Activity
	11:00-11:30	Break
	11:30-12:30	Introduction to Micro:Bit
	12:30-14:00	Lunch
	14:00-16:00	Micro:Bit and the Breadboard - Electronic Challenger

22/10	9:30	Good Morning 🤖
	9:30 - 11:00	Micro:Bit - Explore the LDR Sensor
	11:00 - 11:30	Break
	11:30 - 12:30	Micro:bit Smart Parking
	12:30 - 13:30	Lunch
	14:00 - 16:30	Visting two Robotic Labs at ISEP - Instituto Superior de Engenharia do Porto: IILAB and CRAS
23/10	9:30	Good Morning
	9:30 - 11:00	Introduction to the Micro:bit robot
	11:00 - 11:30	Break
	11:30 - 12:30	Robot Dance
	12:30 - 13:30	Lunch
	14:00 - 17:00	Surf Activity or (Check the weather)
24/10	9h30	Good Morning
	9h30 - 11:00	Robot vacuum cleaner
	11:30 - 12:30	Robot Rescue Line
	12:30 - 14:00	Lunch
	14:00	Free Time to visit the Oporto City
25/10	10:00	Good Morning 🤖
	10:00 - 11:00	Robot Rescue Line + Obstacle Detection
	10:30 - 11:00	Google Form Activity
	11:00 - 11:30	Break
	11:30-12:30	Certificate Ceremony
	12:30-14:00	Lunch
	14:00	Free Time to visit the Oporto City
26/10		Departure of participants

2. Meeting Location

The meeting location will take place inside the “Pousada da Juventude” (hotel suggestion) in the available meeting room.

Address: Rua Paulo Gama, 551, Lordelo do Ouro e Massarelos, 4169-006 Porto, Portugal



