

# Agenda – Educational Workshops

24.02.2026 – 28.02.2026



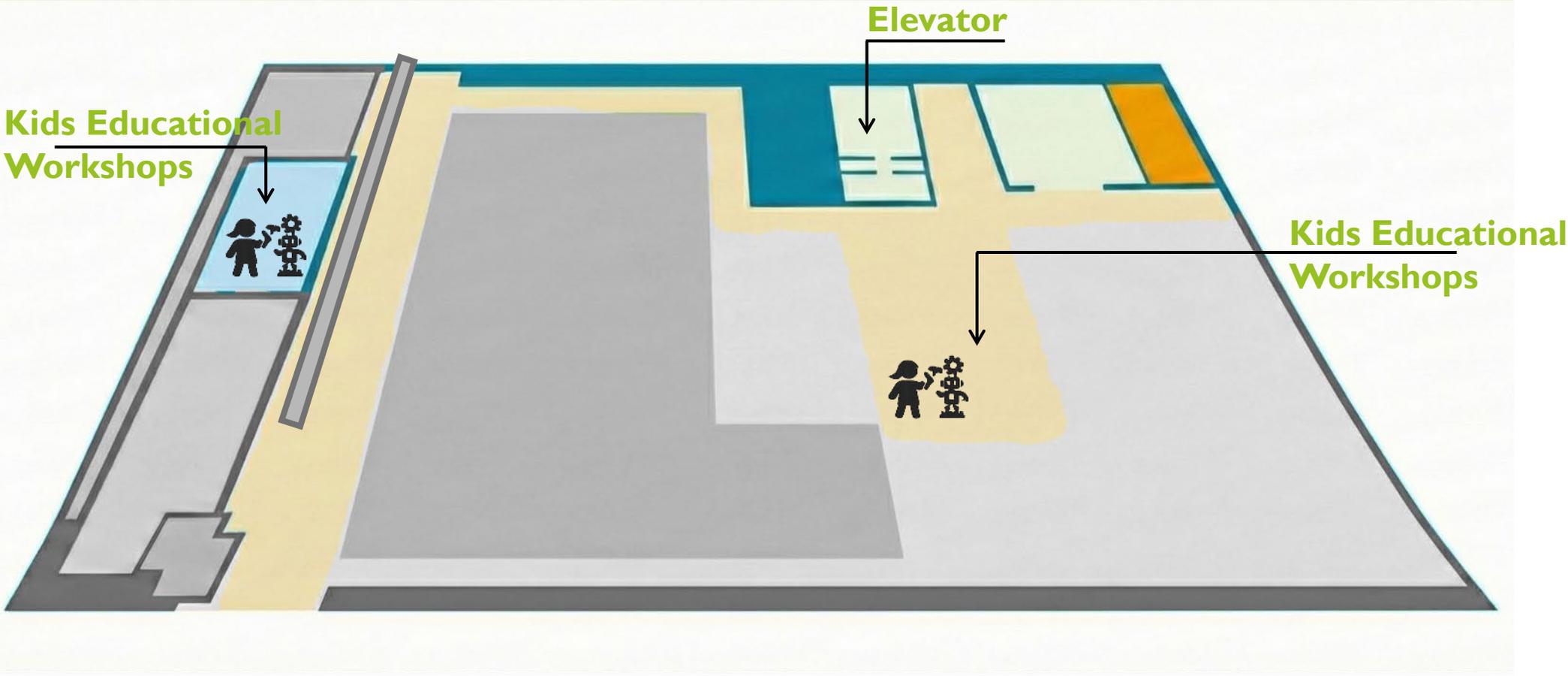
**SMART  
GREEN  
ISLAND**

**ITQ**

competence in mechatronics  
software and systems engineering

# First Floor – Educational Workshops

## Overview Site Plan First Floor



# Agenda – Wednesday, 25.02.2026



## Educational Workshops for Locals

Time	Topic	Who	Where
09:00 – 13:00	Robotic Arm: Robotic Arm Controlling and Programming (Team DRS Neuwied)	Dominicas San José 12 Pupils – 15-16 years	First Floor
09:00 – 13:00	Mini-Hackathon: MicroBit, Python and Scratch (Team UAS Salzburg)	Dominicas San José 12 Pupils – 15-16 years	First Floor
10:00 – 13:00	Bridge Building: Building a Paper Bridge (Team UAS Reutlingen)	Dominicas San José 12 Pupils – 15-16 years	First Floor
10:00 – 13:00	Solar Energy: Water as an Energy Storage Medium (Team UAS Bremerhaven)	Dominicas San José 12 Pupils – 15-16 years	First Floor
10:00 – 13:00	Python: Programming with a Robot (Team UAS Aachen)	IES El Rincón 16 Pupils – 15-16 years	First Floor
10:00 – 13:00	CraCoSu: Programming with Minecraft Education (Team Team UAS Rhine-Waal)	IES El Rincón 16 Pupils – 15-16 years	First Floor

# Agenda – Thursday, 26.02.2026



## Educational Workshops for Locals

Time	Topic	Who	Where
09:00 – 13:00	Robotic Arm: Robotic Arm Controlling and Programming (Team DRS Neuwied)	IES El Rincón 15 Pupils – 14-15 years	First Floor
09:00 – 13:00	Mini-Hackathon: MicroBit, Python and Scratch (Team UAS Salzburg)	IES El Rincón 15 Pupils – 14-15 years	First Floor
09:00 – 13:00	Solar Boat: Building a Solar Boat (Team UAS Rhine-Waal)	IES El Rincón 14 Pupils – 14-15 years	First Floor
9:00 – 13:00	EduDemoS: Building Sustainable Demonstrators (Team EduDemoS)	IES El Rincón 24 Pupils – 14-15 years	First Floor
10:00 – 13:00	Bridge Building: Building a Paper Bridge (Team UAS Reutlingen)	CEIP Siete Palmas 12 Pupils – 9 - 10 years	First Floor
10:00 – 13:00	Solar Energy: Water as an Energy Storage Medium (Team UAS Bremerhaven)	CEIP Siete Palmas. 12 Pupils – 9 - 10 years	First Floor
10:00 – 13:00	Python: Programming with a Robot (Team UAS Aachen)	IES Ana Luisa Benítez 20 Pupils – 16-18 years	First Floor
10:00 – 13:00	CraCoSu: Programming with Minecraft Education (Team Team UAS Rhine-Waal)	IES Ana Luisa Benítez 12 Pupils – 16-18 years	First Floor

# Agenda – Friday, 27.02.2026

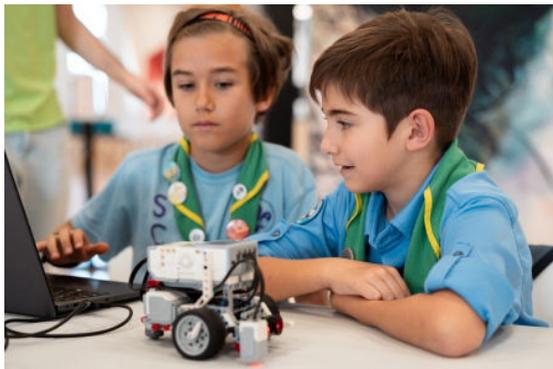
## Educational Workshops for Locals

Time	Topic	Who	Where
9:00 – 13:00	Solar Boat: Building a Solar Boat (Team UAS Rhine-Waal)	IES Feria del Atlántico 9 Pupils – 15-17 years	First Floor
09:00 – 13:00	Robotic Arm: Robotic Arm Controlling and Programming (Team DRS Neuwied)	IES Mesa y López 16 Pupils – 15-20 years	First Floor
09:00 – 13:00	Mini-Hackathon: MicroBit, Python and Scratch (Team UAS Salzburg)	IES Mesa y López 16 Pupils – 15-20 years	First Floor
09:00 – 13:00	EduDemoS: Building Sustainable Demonstrators (Team EduDemoS)	CIFP San Cristóbal 17 Pupils – 16-19 years	First Floor
10:00 – 13:00	Ozobot Robots: Ozobot Programming with Pen and Paper (Team UAS Reutlingen)	CEIP Siete Palmas 12 Pupils – 9-10 years	First Floor
10:00 – 13:00	Ship Building: Build the strongest Ship (Team UAS Aalen)	CEIP Siete Palmas 15 Pupils – 9-10 years	First Floor
10:00 – 13:00	Electronics: Learn the Basics of Electronics and Soldering (Team UAS Dortmund)	IES Ana Luisa Benítez 6 Pupils – 9-10 years	First Floor

# Agenda – Saturday, 28.02.2026

## Educational Workshops for Locals

Time	Topic	Who	Where
10:00 – 13:00	Ozobot Robots: Ozobot Programming with Pen and Paper (Team UAS Reutlingen)	Scouts LPGC 13 Pupils – 10-12 years	First Floor
10:00 – 13:00	Ship Building: Build the strongest Ship (Team UAS Aalen)	Scouts LPGC 15 Pupils – 10-12 years	First Floor
10:00 – 12:00	LEGO Mindstorms: En el Mismo Código (Team GC Coaches)	Scouts LPGC 10 Pupils – 16-20 years	First Floor
10:00 – 12:00	ACEBOTT: En el Mismo Código (Team GC Coaches)	Scouts LPGC 20 Pupils – 6-12 years	First Floor



# TOTAL



## Smart Green Island Makeathon 2026

Educational Level	Total Number of Participants
Primary Pupils	100
Secondary and High School Pupils	182
VET Students	68
Teachers	30
<b>Total Number</b>	<b>380</b>



# EDUCATIONAL WORKSHOPS MAKEATHON 2026

## PRIMARY/SECONDARY



58



14



100



52



Teachers

21

## VOCATIONAL TRAINING



36



9



4



17



Teachers

6

## OTHER PARTICIPANTS



60



Monitors

3

**TOTAL**  
**350 PUPILS & VET STUDENTS**

**TOTAL**  
**30 TEACHERS**



SMART GREEN ISLAND MAKEATHON 2026