

DAILY SCHEDULE

Robotics, Coding & Sports

*The day of the excursion may be subject to change.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
CHECK IN 8:30 - 9:00	Participants arrival and check-in @ the H-FARM Welcome Center				
MORNING 9:00 - 12:30 with morning snack during the break	LEGO SPIKE PRIME - 1 Building and programming a robotic grasshopper and a mechanical arm.	*EXCURSION TO THE MONTELLO A full day dedicated to nature discovery and adrenaline, including walks and workshops in the woods and fun at the adventure park.	SPHERO BOLT - 1 Customisation of LED components and programming of robot movement.	iROBOT iROOT - 1 Programming the robot to make a team emblem.	LEGO SPIKE PRIME - 3 Building a customized robot prototype without predefined instructions.
	BMX - 1 Warm-up and introduction: warm-up exercises to improve balance skills.		SKATE - 2 Learn the correct posture, pushing techniques and board control on flat surfaces	BMX - 3 Jumping techniques: ramps and obstacles, bike control during jumps and safe landing.	SKATE - 4 Jumping techniques on flat surfaces, basic tricks to turn the board, ramps and obstacles.
LUNCH 12:30 - 13:30	Free outdoor play/ board games.		Free outdoor play/ board games		
AFTERNOON 13:30 - 16:30	SKATE - 1 Warm up & fundamentals: finding the right position on the board, balance and static position.		BMX - 2 Basic maneuvers: braking downhill and in a curve, how to face a tight curve at a high speed.	SKATE - 3 Basic techniques: how to turn and increase speed bending your body, how to brake.	BMX - 4 Circuits with turns, ramps and obstacles to practice the techniques learned during the week.
	LEGO SPIKE PRIME - 2 Programming the robotic carousel through the use of block language		SPHERO BOLT - 2 'If Then Else': building and programming the robot to interact with physical obstacles.	iROBOT iROOT - 2 Programming the robot's movements on a vertical wall to play battleship.	LEGO SPIKE PRIME - 4 Programming the robot, its movements and sensors.
SNACK AND CHECK OUT 16:30 - 17:30	Free time and play time in the H-FARM Campus sport facilities. Participants departure @ the H-FARM Welcome Center				