

**AFTER
SCHOOL
CLUBS**

**AUGUST
2019 –
FEBRUARY
2020**

**FEBRUARY
2020 –
JUNE 2020**

TUESDAY



JUNIOR STEAM

TIME
16:00 – 17:00

LANGUAGE
Bilingual
(English, German)

COST
CHF 35 per lesson

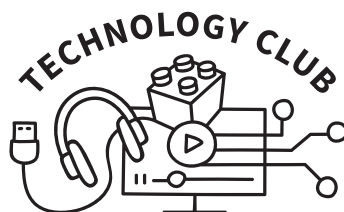
AGE
5 - 7 years

LOCATION
Tandem IMS
Seefeldstrasse 111
8008 Zurich

CONDITIONS
Club must be booked for the entire course semester.
Minimum of 5 children to start club.

MORE INFO:
043 500 10 39
eca@tandem-ims.ch
tandem-ims.ch

Tandem 
INTERNATIONAL MULTILINGUAL SCHOOL



JUNIOR STEAM

Course description

This class is specifically designed for our younger participants and seeks to teach STEM, programming, and computer science concepts and skills in a fun & engaging setting using SamLabs, ScottieGo, and Halocode & Micro:Bits RobotZoo.

- ScottieGo is a tile based game that uses mobile devices or tablets to interpret the code blocks that children build to solve puzzles and challenges. Children enjoy the feeling of accomplishment of helping Scottie the robot navigate increasingly challenging tasks while learning about loops/repeat, functions, positive/negative numbers, and if/then conditionals.
- Sam Labs blocks are utilized in combination with tablet computers to solve puzzles and challenges. Children will enjoy many creative challenge that require them to think about expressing a problem in cause and effect terms. They will build and create unique designs that are enhanced with interactive sensors response programs that activate programmable flashing lights, custom sounds, and motion.
- Kids will employ a variety of creative and artistic elements, in combination with the Micro:Bit and Halocode programmable circuit boards, sensors, motors, buzzers and neopixel light rings to create their own interactive, robotic pets which will be combined into a menagerie of robotic animals.

Course availability

Club must be booked for the entire semester. See terms and conditions for further details. Minimum of 5 children to start club.

CODE	134				
DATES 2019 / 2020	AUG	27			
	SEP	3	10	17	24
	OCT	1	22	29	
	NOV	19	26		
	DEC	3	17		
	JAN	7	14	21	28
	FEB	4			
WEEKS	17 × 75 minute lessons				
COST*	CHF 595.- (CHF 35.- / 75 minutes)				

CODE	135				
DATES 2020	FEB	25			
	MAR	17	24	31	
	APR	7	28		
	MAY	5	12	19	26
	JUN	2	9	16	23 30
WEEKS	15 × 75 minute lessons				
COST*	CHF 525.- (CHF 35.- / 75 minutes)				

Please note, that Tandem IMS Zurich has a strict **NO NUT POLICY** due to allergies within the school.

Tandem IMS
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 Zurich Seefeld | Zollikon | Uetikon am See