



BASIS
International[™]
School
Bangkok



BASIS VEX ROBOTICS ACADEMY

ACADEMIC 2025-2026



BASIS VEX Robotics Academy

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BASIS International School Bangkok is proud to present the VEX Robotics Academy, a premier program designed to inspire and challenge students through the exciting world of robotics, coding, and engineering design. As a STEM-focused school, we believe in providing hands-on opportunities for students to apply science, technology, engineering, and mathematics in meaningful and engaging ways.

Using the VEX IQ system, students develop problem-solving skills, creativity, and innovation while working collaboratively in a supportive and stimulating environment. Through regular practices and participation in competitions, they not only strengthen their technical expertise but also cultivate essential life skills such as teamwork, resilience, and leadership, preparing them for success in an increasingly technology-driven future.

School Line Official @bisb



More Information

Tel. 02-415-0099 and/or School Line Official @bisb

Please note if the enrollment of each activity is lesser than minimum, the activity may not be opened.

BASIS VEX Robotics Academy

Calendar

ACADEMIC 2025-2026

July 25						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August 25						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						13

September 25						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				
						21

October 25						
Su	M	Tu	W	Th	F	Sa
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5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	
						18

November 25						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						19

December 25						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			
						14

January 26						
Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
						15

February 26						
Su	M	Tu	W	Th	F	Sa
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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
						15

March 26						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				
						21

April 26						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		
						17

May 26						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						20

June 26						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				
						9

IMPORTANT DATE FOR STUDENTS

First Day of School: Aug 13
Last Day of School: Jun 12

IMPORTANT DATES

1 hour practice
2 hours practice
extra 7 hours practice
Competition day

BREAKS & HOLIDAYS

Mother's Day Aug 12
September Break Sep 12
October Break Oct 13 - 17
Thanksgiving Break Nov 28
Father's Day Dec 05
Winter Break Dec 22 - Jan 09
Spring Break Feb 09 - 13
Makha Bucha Day Mar 03
Songkran Break Apr 13 - 17
Coronation Day May 04
H.M. Queen's Birthday Jun 03

TRIMESTER DATES

Last Day of Trimester 1: Nov 07
Last Day of Trimester 2: Feb 27
Last Day of Trimester 3: May 29 (G.6-11)
Last Day of Trimester 3: Jun 05 (N-G.5)
Project Week: Jun 08 - 12

TESTING DATES (Provisional)

Pre-COMP Review: Jan 20 - 26
Pre-COMP Exams: Jan 27 - 29
COMP Review: May 20 - 26
COMP Exams: May 27 - 29
AP Exam: May 04 - 15

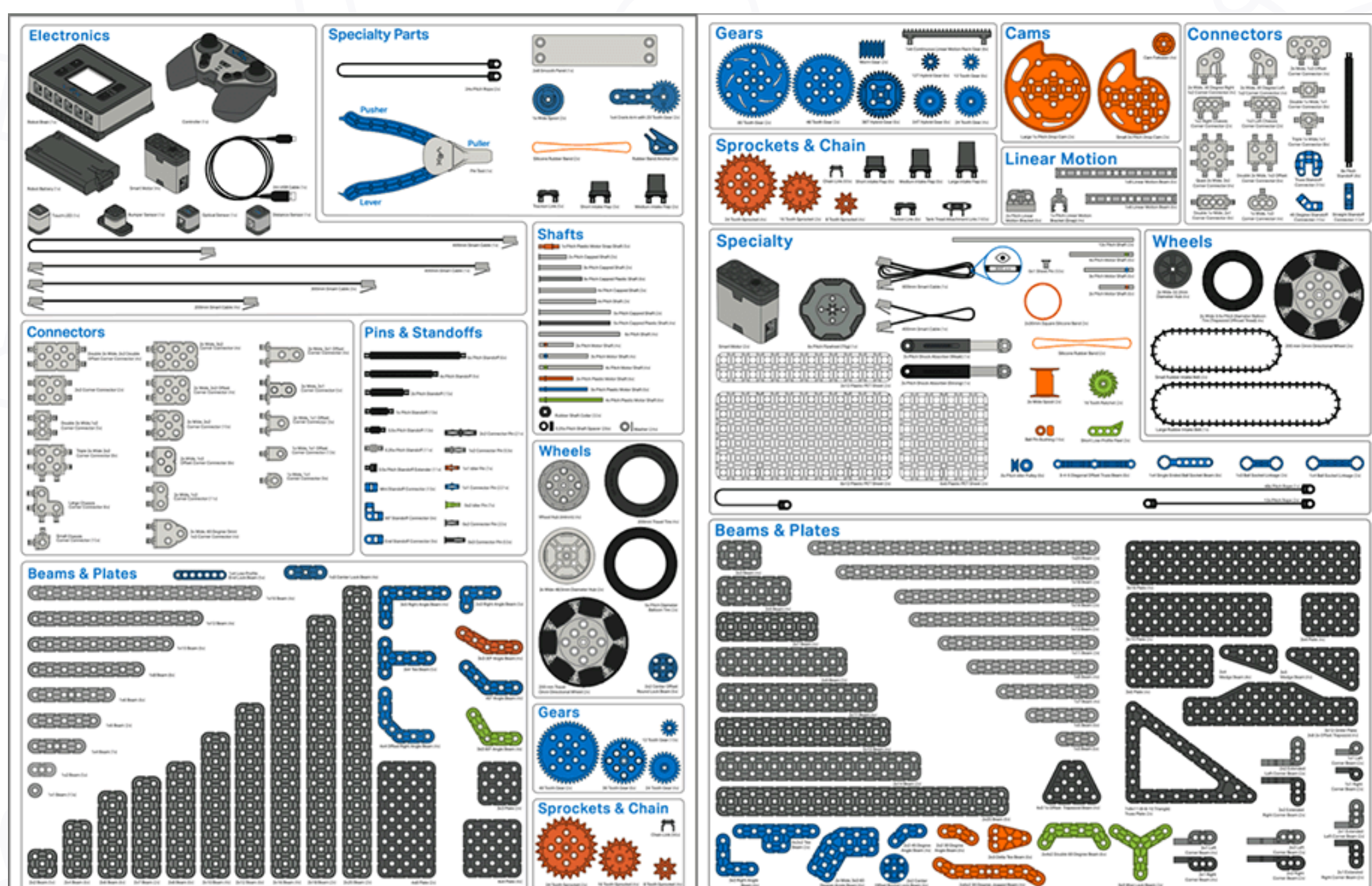
Version: July 2025

BASIS VEX Robotics Academy

VEX IQ encourages creativity through its easy-to-use construction system and approachable technology. VEX IQ is a snap-together robotics system designed from the ground up to provide novice users the chance to find success quickly, while still being able to constantly challenge more advanced users. VEX IQ is also used in competitions.

Robot Construction System

VEX IQ is based on plastic, snap-together pieces specifically designed to build highly functional robots. This system doesn't require any prior knowledge in robotics. Students can easily build their first robot, and the wide variety of additional parts means that they can build anything they imagine as they continue to learn. Every kit includes a hand tool to make assembly and disassembly easy for small hands.



Academy Fee: 60,000 THB/Year

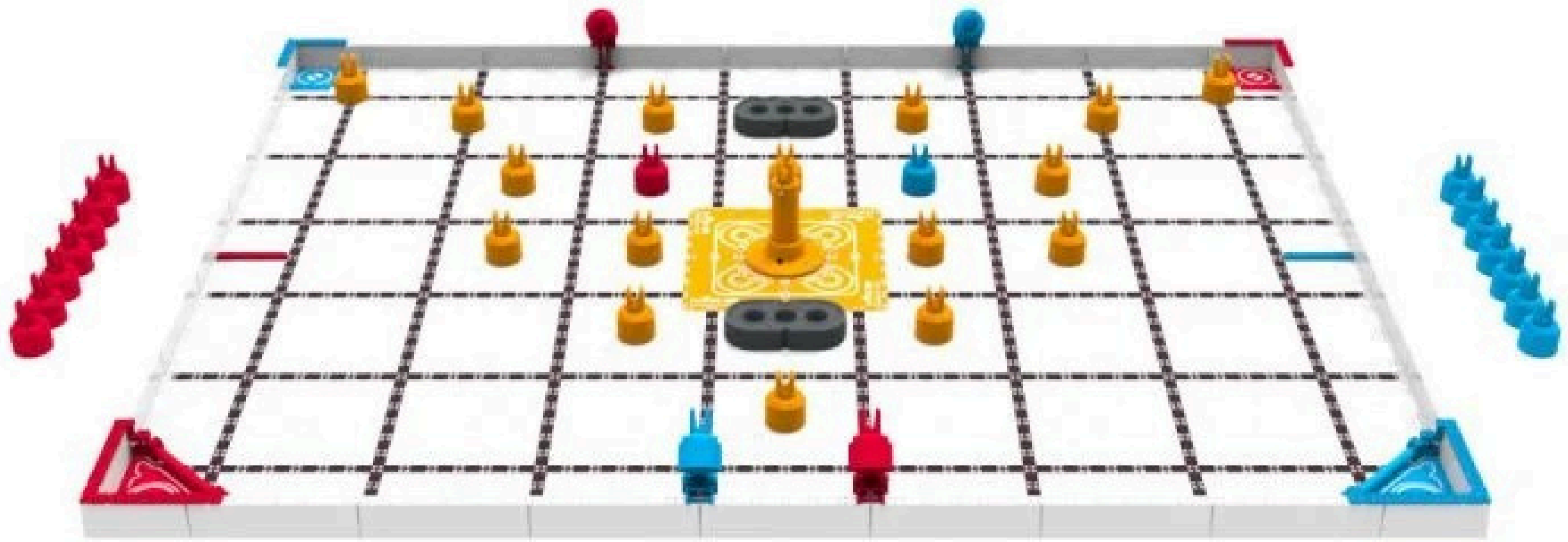
Practice Day/ Time/ Coach:

- **Monday and Tuesday:** 4:00 – 5:00 PM (School Head Coach - Mr. Matin)
- **Thursday and Friday:** 4:00 – 6:00 PM (All Robotic Coaches and Mr. Matin)
- **Special Practices (7 Hours):** 9:00 AM – 5:00 PM (All Robotic Coaches and Mr. Matin)
- **Competition Days** (All Robotic Coaches and Mr. Matin)

Remarks:

- The academy fee covers all regular training sessions. Competition registration fees are not included and will need to be paid separately if your child joins the events.
- If extra practice sessions are required (beyond the regular schedule), an additional fee will apply. Details will be provided in advance.

The VEX IQ Competition managed by the REC Foundation



In the VEX IQ Competition teams of students are tasked with designing and building a robot to play with other teams in a game-based engineering challenge. Classroom STEM concepts are put to the test as students learn lifelong skills in teamwork, leadership, communications, and more.

VEX Robotics hosts the world's largest robotics competition for students all over the world to compete against one another using a robot of their own design. In the VEX IQ Competition, classroom STEM concepts are put to the test as students learn lifelong skills in teamwork, leadership, communications, and more. Tournaments to determine the best teams are held year-round at the regional, state, and national levels and culminate at the VEX Robotics World Championship each April.

All Robotics Introduction



COACH TEAM

Akarawin Koolkaew - Earth
Senior Robotics Trainer
Head Coach

B.Eng. Robotics and Automation Engineering
Panyapiwat institute of management

2022-2023 VEX IQ Competition World Spots
2023-2024 Thailand National Tournament Winners qualified to VEX IQ
Competition World Spots
2024-2025 Thailand National Tournament and Excellent Award Winner
qualified to VEX IQ Competition World Spots



COACH TEAM

Krittee Tipsawad - Amon
Senior Robotics Trainer
Coach

M.Eng. Aerospace Engineer with Private Pilot
Instruction
University of Sheffield

2024-2025 Thailand National Tournament and Excellent Award
Winner qualified to VEX IQ Competition World Spots



COACH TEAM

Nattawut Pandum - Asia
Robotics Trainer
Assistant Coach

B.Sc. Information Technology
Prince of Songkla University

