

Time	Programme Rundown		
09:00-09:15	Registration Venue: Outside C-LP-11		
09:15-09:45	Opening Ceremony + Briefing Venue: C-LP-11		
10:00-10:50	STEM Olympiad Activity (Students)	STEM Education Workshop (Teachers)	
	Part 1a: Individual Knowledge Challenge (Physics/Chemistry/Biology/ICT) Venue: Sport Hall & Conference Hall @ Block E	10:05-10:50 WS1: Forum on Ways to Implement STEM Education in HK ----- WS2: Implementing scientific investigation at field with mobile device and IT resources	
10:50-11:05	Break		
11:05-11:55	Part 1b: Team Knowledge Challenge (Mathematics integrated with Physics/Chemistry/Biology/ICT) Venue: Sport Hall & Conference Hall @ Block E	11:05-11:50 WS3: HK STEM projects experience sharing	
		WS4: Application of Arduino system in Science Teaching and Learning (for teachers)	
		WS5: Scientific Investigation at Junior Secondary Student – A “Hands-on” Experience’	
11:55-12:55	Lunch		
12:55-13:30	Mass Lecture Venue: C-LP-11		Exhibition
13:30-13:40	Announcement of teams to enter the Part 2 competition		
13:45-16:00	Part 2: Innovations in Practice - Hands-on problem solving Venue: Sport Hall@ Block E	STEM Education Activity (Students and Teachers) 13:45-14:30	
		WS6: STEM Education & Robotics Competition	TR1: Eco-Garden Tour
		WS7: Application of Arduino system in Science Teaching and Learning (for students)	
		WS8: Post lecture Q&A and sharing of personal experiences in STEM careers	
		Adjudicators assembly (14:30-15:00)	
		STEM Education Activity (Students and Teachers) 14:45-15:30	
WS9: Are you STEM-ready?	TR2: Eco-Garden Tour		
WS10: Benefits of using Aquaponics in STEM education - Implementation of experimental-, game-, enquiry- and group-based learning methods			
WS11: Realizing STEM Education with the Makeblock STEM Educational Platform			
16:00-16:30	Adjudication Venue: Sport Hall @Block E	Survey and Collection of Certificates Venue: C-LP-11	
16:30-17:00	Break, Survey and Collection of Certificates Venue: C-LP-11		
17:00-17:30	Closing Ceremony + Prize Presentation Venue: C-LP-11		
After 17:30	Media Conference		

STEM Education Exhibition
Time: 10:00 am – 12:00 noon
Venue: Near Learning Common Area @ C-LP

STEM Education Exhibition
Time: 13:00 pm – 17:00 pm
Venue: Near Learning Common Area @ C-LP

STEM Education Workshop and Mass Lecture Details

Time	Code	Topic	Speaker	Target	Venue
10:05-10:50	WS 1	Forum on Ways to Implement STEM Education in HK	Mr. LAU, Kwok Leung Gyver Chair, Hong Kong Association for Science and Mathematics Education Ir. Norman CHENG Honorary Secretary– Environmental Division, The Hong Kong Institution of Engineers Prof. YEUNG, Yau Yuen Professor, Department of Science and Environmental Studies, EdUHK	Teachers	D4-LP-02 (Multimedia Lab) <i>Capacity: Max.70</i>
	WS 2	Implementing scientific investigation at field with mobile device and IT resources	Ms. Lydia PANG Senior Education Officer, WWF-Hong Kong	Teachers	D3-LP-06 (Physics Lab) <i>Capacity: Max.40</i>
11:05-11:50	WS 3	HK STEM projects experience sharing	Mr. Jack WU Business Director, Discovery Technologies Limited (DTSL)	Teachers	D4-LP-02 (Multimedia Lab) <i>Capacity: Max.70</i>
	WS 4	Application of Arduino system in Science Teaching and Learning (for teachers)	Mr. WONG, Shek Nin Aberdeen Technical School	Teachers	D3-LP-06 (Physics Lab) <i>Capacity: Max.40</i>
	WS 5	Scientific Investigation at Junior Secondary Student - A “Hands-on” Experience’	Dr. CHENG, Nga Yee Irene & Mr. NGAN, Kin Lun Alan Centre for Education in Environmental Sustainability, EdUHK	Teachers	D3-G-05 (IS Lab) <i>Capacity: Max.40</i>
12:55-13:30	Mass Lecture Ir. Henry CHAU, KM Assistant Director, Drainage Services Department			Teachers & Students	C-LP-11 (for students only) & D1-LP-03 (for teachers) <i>Capacity: Max.750</i>
13:45-14:30	WS 6	STEM Education & Robotics Competition	Mr Cheung Man Yuen Seconded Teacher, IT in Education Section, Education Bureau	Teachers & Students	D4-LP-02 (Multimedia Lab) <i>Capacity: Max.70</i>
	WS 7	Application of Arduino system in Science Teaching and Learning (for students)	Mr. WONG, Shek Nin Aberdeen Technical School	Students	D3-LP-06 (Physics Lab) <i>Capacity: Max.40</i>
	WS 8	Post lecture Q&A and sharing of personal experiences in STEM careers	Ir. Henry CHAU, KM Assistant Director, Sewage Services, Drainage Services Department	Teachers & Students	C-LP-11 <i>Capacity: Max.600</i>
	TR 1	Eco-Garden Tour	Student Ambassadors, EdUHK	Teachers & Students	Meetup point: Outside C-LP-11 <i>Capacity: Max.118</i>
14:45-15:30	WS 9	Are you STEM-ready?	Dr. LAI, Yiu Chi Associate Professor, Department of Mathematics and Information Technology, EdUHK	ICT teachers	D4-LP-02 (Multimedia Lab) <i>Capacity: Max.70</i>
	WS 10	Benefits of using Aquaponics in STEM education - Implementation of experimental-, game-, enquiry- and group-based learning methods	Mr. Dick CHAN Founder and technical support of SuperFarm (Hong Kong) Limited	Teachers & Students	D3-LP-06 (Physics Lab) <i>Capacity: Max.40</i>
	WS 11	Realizing STEM Education with the Makeblock STEM Educational Platform	Ms. Sandra CHAN Director of Everbest 2.0, Founder of Hong Kong Junior Robot Engineer Program	Teachers & Students	D3-LP-01 <i>Capacity: Max.80</i>
	TR 2	Eco-Garden Tour	Student Ambassadors, EdUHK	Teachers & Students	Meetup point: Outside C-LP-11 <i>Capacity: Max.100</i>

General Information

Transportation: STEMO Free Shuttle Bus service

Direction	Pick-up point	Drop-off point	Departure Time
To EdUHK	Tsuen Wan / KLN Tong Station	EdUHK Block C	08:00am
To EdUHK	University Station	EdUHK Block C	08:30am
From EdUHK	EdUHK Block B4	University Station	14:00pm-18:05pm
From EdUHK	EdUHK Block B4	KLN Tong Station	15:45pm- 18:00pm

Transportation: EdUHK Free Shuttle Bus service

Direction	Pick-up point	Drop-off point	Departure Time
To EdUHK	University Station	EdUHK Block B1	Around 10-15 minutes Interval
From EdUHK	EdUHK Block B1	University Station	Around 10-15 minutes Interval

Meals and Lunch Venues

- One set lunch per **registered student participant** is provided by our sponsor. Those lunch box coupons for students and drink coupons (two per person) for teachers and students are given in the folder of a leading teacher who is asked to distribute those coupons to every participating student.
- Each student will receive one set lunch in exchange for lunch box coupon at:
Venue: Counters of “素滋味” and “環球美食” @ Canteen, C-LP
- Students should enjoy their lunch boxes in the following places:
 - Canteen @ C-P,
 - Outside Learning Common Area @ C-LP or
 - Conference Hall @ E-P
- Teachers and students may enjoy their self-paid lunch in the following places:
 - Canteen @ C-P
 - U Deli Cafe @ B4-G
 - Chinese Restaurant @ C-P
 - Western Restaurant @ C-P
 - Pacific Coffee @ C-LP

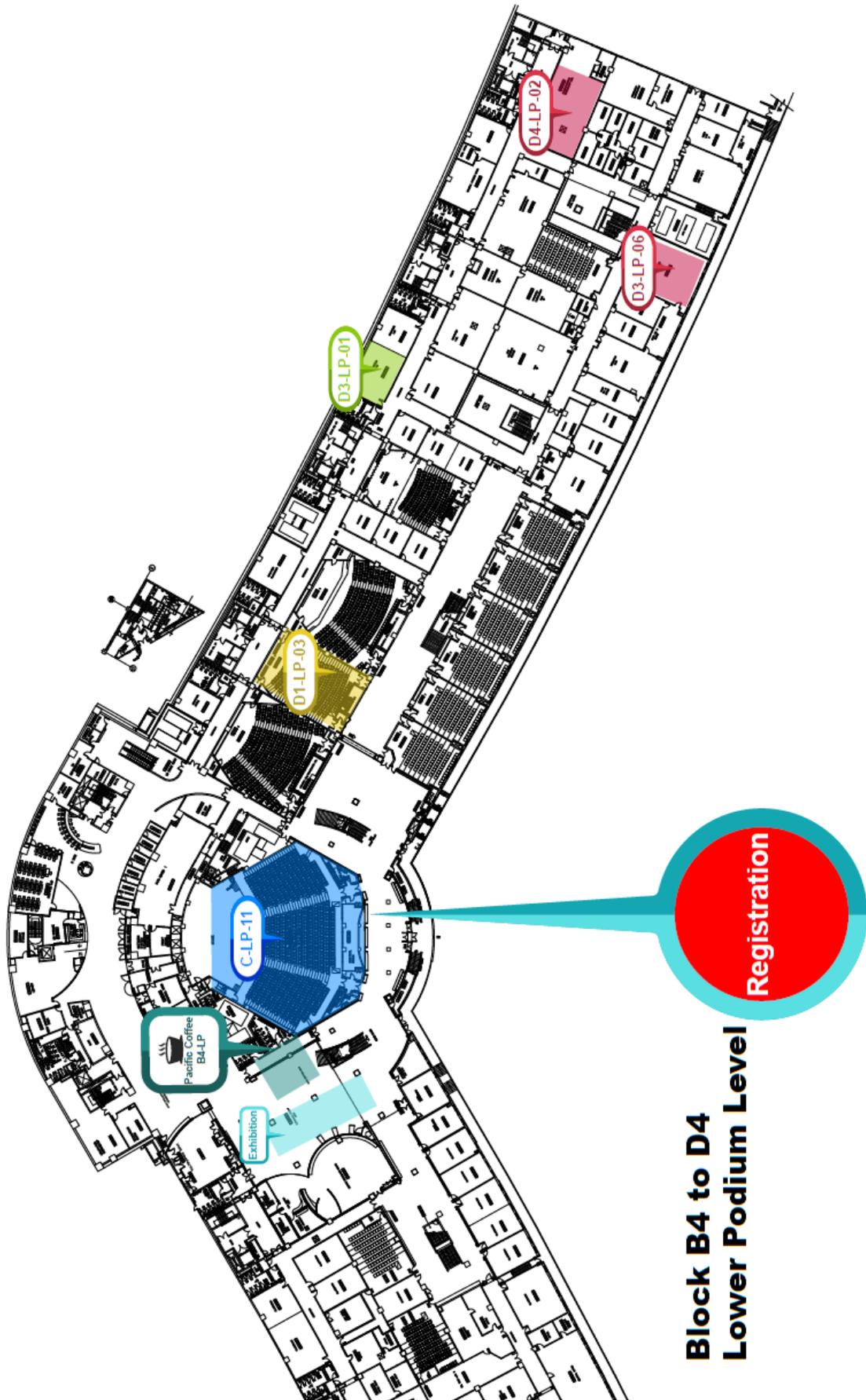
Final Remarks

1. All students must attend the mass lecture and arrive at the lecture theatre C-LP-11 by 12:55 pm. Once the lecture starts, no late-comers will be allowed to enter the theatre.
2. Around 40-50 teams will be selected to participate in the afternoon team competition for “Innovations in Practice”. The information will be released by 13:30 pm in the lecture theatre C-LP-11 immediately after the mass lecture.

Campus Map

Level		
Ground Floor (G)	Shuttle	EduHK Free Shuttle Bus STEMO Free Shuttle Bus
	Lunch Venue	U Deli Cafe
Podium (P)	STEMO Activity	Conference Hall
	Lunch Venue	Canteen (C-P) "素滋味" & "環球美食"
		Chinese Restaurant Western Restaurant
Lower Podium (LP)	STEMO Activity	Registration Opening & Closing Ceremony Sport Hall Mass Lecture
	Lunch Venue	Pacific Coffee
	Exhibition	Learning Common Area





**Block B4 to D4
Lower Podium Level**

Registration