

Yayasan S2A participation in KLESF 2019 (1-3 Nov 2019)

	Hands-on Workshop (UMCIS)	Hands-on Workshop (Chemistry)	STEM Hands-on Experiment (Chemistry)	STEM Hands-on Experiment (Chemistry)
	No session, participants walk-in any time	Has specific sessions	No session, participants walk-in any time	No session, participants walk-in any time
Title	Molecules in 3D - 3D printing	Slime Chemistry	Chemistry for Fun 1) Paper flowers formation using chromatography concept	Periodic Wheel of Fortune Orbeez and Scientific Toys
Instructors	Dr Vannajan S. Lee	Wong Wen Min Cadee Lee	Dr Sim Y.L.	Narwin Lee Narwan Lee
	3 student facilitators		2 student facilitators	1 student facilitator(Periodic Wheel) Narwan & Naria (Orbeez and toys)
Age group: 7-9	√	√	√	√
10-12	√	√	√	√
13-15	√		√	
Group size:	2 - 4 people per group, total 5 groups	2 - 4 people per group, total 5 groups	Individual	Individual
Sessions 9.30-11.30 a.m	√ (Dr Vannajan + 2 students)	√ (Dr SimYL + Wen Min)	√	√ (1 student + Dr Vannajan + Narwan & Naria)
1.30-3 p.m.	√ (Dr Vannajan + 2 students)		√ (student facilitators)	√ (1 student + Dr Vannajan + Narwan & Naria)
3-5 p.m.	√ (Dr Vannajan + 2 student)	√ (Dr SimYL + Wen Min)	√ (student facilitators)	√ (1 student + Dr Vannajan + Narwan & Naria)
Description	3D printing / 3D pen using polylactic acid (PLA) biodegradable polymer to create 3D molecular model. (RM5 per session)	Learning non-Newtonian state of matter through slime fun! (RM2 per session will be collected as donation to Yayasan)	Paper chromatography concept will be introduced to form colorful paper flowers	Periodic table to be introduced in a fun way! Fun thing to do with Orbeez, super absorbent biodegradable. polymer beads