

VIGYAN PRATIBHA TEACHERS WORKSHOP
21/08/2023 to 25/08/2023
HBCSE, MUMBAI

Day	Date	Time	GROUP 1 (Maths Lab)	GROUP 2 (G2 Main Building)	GROUP 3 (G1 Olympiad Building)	GROUP 4 (Integrated lab)	Venue	
M O N D A Y	21 st August 2023	8:00-9:00	Breakfast					NIUS Canteen
		8:30-9:30	Registration					Auditorium
		9:30-10:30	Introduction to Vigyan Pratibha Project					Auditorium
		10:30-10:45	Allotment of groups and orientation of teachers					Auditorium
		10:45-11:00	Tea break					
		11:00-1:00	Learning Unit 1: Part 1					
			Is your polygon same as mine?	Irrational numbers	Precise and accurate measurement	Pinhole Camera		
		1:00-2:00	Lunch					NIUS Canteen
		2:00-3:30	Learning Unit 1: Part 2					
			Is your polygon same as mine?	Irrational numbers	Precise and accurate measurement	Pinhole Camera		
3:30-3:45	Tea break							
3:45-5:15	Plenary session - "History of Calendars" by Prof. Mahesh Shetti					Auditorium		
T U E S D A Y	22 nd August 2023	9:00-11:00	Basic Skills					
			Microscopy (Integ Lab)	GeoGebra (NIUS Computer Lab)	Electrical circuits (Maths Lab)			
		11:00-11:15	Tea break					
		11:15-1:00	Learning Unit 2 : Part 1					
			Midpoint quadrilateral (NIUS Computer Lab)	Is your polygon same as mine?	Accidental discovery	Evaporation		
		1:00-2:00	Lunch					NIUS Canteen
		2:00-3:45	Learning Unit 3 : Part 1					
			Experiment on measuring volumes	How 'X' got its chemical identity	Phases of moon	Exploring dot grid through rectangles		
		3:45-4:00	Tea break					
4:00-5:30	Exhibit and discussion on contextual diversity					NIUS Canteen		
W E D	23 rd August 2023	8:00-9:30	Learning Unit 2: Part 2					
			Midpoint quadrilateral (NIUS Computer Lab)	Is your polygon same as mine?	Accidental discovery	Evaporation		

N E S D A Y		9:30-10:15	Breakfast				NIUS Canteen
		10:30-12:00	Learning Unit 3: Part 2				
			Experiment on measuring volumes	How 'X' got its chemical identity	Phases of moon	Exploring dot grid through rectangles	
		12:00-1:00	Lunch				NIUS Canteen
	1:00-5:30	Exposure visit to NIRRCH, Parel, Mumbai.					
T H U R S D A Y	24 th August 2023	9:00-10:30	Plenary session - "Archimedes: the balance between mathematics and physics" by Prof. K. Subramaniam				
		10:30-10:45	Tea break				
		10:45-12:30	Learning Unit 4: Part 1				
			Irrational numbers	Pinhole camera	Experiment on measuring volumes	Phases of moon	
		12:30-1:30	Lunch				NIUS Canteen
		1:30-3:00	Learning Unit 4: Part 2				
			Irrational numbers	Pinhole camera	Experiment on measuring volumes	Phases of moon	
3:00-3:15	Tea break						
3:15-4:45	Discussion: "Exploring the informal expressions of learners in Science and Mathematics"				Auditorium		
F R I D A Y	25 th August 2023	8:00-9:30	Learning Unit 5: Part 1				
			Can you map?	Patterns in square numbers	Counting areas	Micro-organisms at our doorstep	
		9:30-10:15	Breakfast				NIUS Canteen
		10:15-11:45	Learning Unit 5: Part 2				
			Can you map?	Patterns in square numbers	Counting areas	Micro-organisms at our doorstep	
		12:00-1:00	Difficult sentences				G1, G2 main building
		1:00-2:00	Lunch				NIUS Canteen
		2:00-3:30	Teachers' feedback				Auditorium
		3:30-4:15	Implementation in school; Closing				Auditorium
4:15-4:30	High tea				Outside Auditorium		