

Tentative program Summer school 2021

“The truth tables behind calculators”

	Monday	Tuesday	Wednesday	Thursday
Goal of the day	Basics of logic and redstone	Constructing logic gates	Binary half and full adders	Minecraft and dominos calculators

9:00-9:30	Welcome, team building		Understanding logic gates		Addition in binary: half and full adder		Substraction in binary	
9:30-10:00	History, Calculators and Dominos		Minecraft exercises	Dominos project	Minecraft project	Minecraft project	Dominos project	
10:00-11:00								Minecraft Build Battle
11:00-12:00	Lunch		Lunch		Lunch		Lunch	
12:00-13:00	Basics of logic		Basics of binary		Constructing a calculator		Minecraft project	
13:30-14:00	Understanding redstone	Dominos project	Dominos project		Minecraft project		Dominos project	
14:00-15:00	Minecraft exercises				Dominos project			
15:00-16:00	Conclusion		Conclusion		Conclusion		Conclusion	
16:30	Conclusion		Conclusion		Conclusion		Conclusion	
17:00	Conclusion		Conclusion		Conclusion		Conclusion	