

Course Coverage: 6th Standard Elective Curriculum

Sr No	Themes	Objective	Title	Suggested Tools	Sessions		
					Demo session	Exploration	Total
1	Introduction & Fundamentals	<ul style="list-style-type: none"> · Introduction to the course · Exploring the operating system 	Using the system	Linux & Computing device.	1	1	2
2	Programming	<ul style="list-style-type: none"> · Creating animations · Understanding coordinate system · Creating sounds and music · Using visual signals to control pitch of sound · Controlling sound through other input sources · Understanding Events · Animations to give social message · Building game · Building clock · Building reminder application · AI/ML to recognise face · AI/ML to classify images · AI/ML to identify hand motion 	Understanding AI/ML	Scratch/Pictoblox	12	18	30
3	Hackathon	<ul style="list-style-type: none"> · Project Planning · Project Execution · Presentation 	Project	Required tools	0	3	3