

Grade	Month	Number of Session	Name of the Topics	Name of Activity	Extra Activities
1	July	1	Hands-On Science and Early Simple Machine	1. My senses	
		1		Golf game	
		1		Elephant	
		1		See saw	
	Total session	4			
2	July	1	Junior Scratch – Animation, Early Simple Machine	1. Gymnast Penguin	
		1		2. Ferris wheel	
		1		3. Maze	
		1		4. Animal Behaviors	
	Total session	4			
3	July	1	Hands-On Science and Robotics	1. Plant and Fairy	
		1		2. Push and pull	
		1		3. Importance of machine	
		1		4. World of simple machine	
	Total session	4			
4	July	1	Hands-On Science and Robotics	1. Adoption of Food	
		1		2. Seed Germination	
		1		3. Simple Machine 1	
		1		4. Simple Machine 2	
	Total session	4			
5	July	1	Hands-On Science and Robotics	1. Gripper	
		1		2. Curd Mixer	
		1		3. From Tasting to Digesting	
		1		4. Car	
	Total session	4			
6	July	1	Hands-On Science and Robotics – Spike Essential	1. Types of joint	
		1		2. Simple Machine 4WD car	
		1		3. Complex machine car with gear	
		1		4. Mopping robot	
	Total session	4			
7	July	1	Hands-On Science and Arduino	1. Human Respiratory System	
		1		2. Introduction to Arduino and IDE	
		1		3. Electric current and its effects	
		1		4. Light	
	Total session	4			

8	July	1	Hands-On Science and Arduino	1. Air	
		1		Introduction to Arduino	
		1		Arduino IDE software introduction	
		1		Introduction to LCD	
	Total session	4			
9	July	1	Robotics	1. Introduction to Robotics and Designing	
		1		2. Speed controlled robot	
		1		3. Obstacle avoider robot	
		1		4. Drag and drop bot	
	Total session	4			