

<b>CLASS:</b>	<b>4</b>	<b>SUBJECT:</b>	<b>ARTIFICIAL INTELLIGENCE</b>
<b>BOOK:</b>	<b>BOOK: SPARKLE WITH ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, ROBOTICS AND ELECTRONICS (GRADE 4).</b>		

**FIRST TERM**

<b>MONTH</b>	<b>T O P I C</b>	<b>CHAPTERS</b>
April	Introduction to AI and Robotics. Self-driving car. Introduction to electronics and circuits. (Circuit boards-home wiring) (theory plus practical)	1A 1B 3
May	E-circuits. Principal Victor's Voting Machine. (coding plus practical)	3 4A
June	Principal Victor's voting machine. (coding plus practical) Aerodynamics. Construction and working of Drones.	4A
July	Construction and working of Drones. Makerzoid kits.	
August	Coding. Circuit boards.	
September	Revision	

**SECOND TERM**

<b>MONTH</b>	<b>T O P I C</b>	<b>CHAPTERS</b>
October	Introduction to 3-d Printer. Machine learning. Google Assistant. Introduction to conductors and insulators. (Circuit boards) (theory plus practical) Breadboard kits.	2 3
November	Salman's Obstacle Avoider (theory plus coding). Telescope.	4B
December	Salman's Obstacle Avoider (continued) (coding plus practical) 3-d Printer. Telescope.	4B

<b>January</b>	<b>Circuit boards. (theory plus practical)</b> <b>3D Printer.</b>	
<b>February</b>	<b>Drones.</b> <b>Circuit boards.</b> <b>Revision</b>	

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